

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
AUSTIN DIVISION**

SITO MOBILE R&D IP, LLC, and
SITO MOBILE, LTD.,

Plaintiffs,

v.

SFA HOLDINGS INC. f/k/a SAKS
INCORPORATED,

Defendant.

Case No. 1:23-cv-00688

Jury Trial Demanded

COMPLAINT FOR PATENT INFRINGEMENT

Plaintiffs SITO Mobile R&D IP, LLC and SITO Mobile, Ltd., by and through their undersigned counsel, file this Complaint against SFA Holdings Inc. f/k/a Saks Incorporated (“Saks”) for patent infringement of United States Patent Nos. 7,191,244; 8,015,307; 8,554,940; 9,349,138; 10,735,781; and 10,769,675 (collectively, the “patents-in-suit” and attached as Exhibits 1-6 respectively) and allege as follows:

NATURE OF THE ACTION

1. This is an action for patent infringement arising under the patent laws of the United States, 35 U.S.C. §§ 1 *et seq.*

THE PARTIES

2. Plaintiff SITO Mobile, Ltd. is a company organized and existing under the laws of the State of Delaware with its principal place of business located at 123 Town Square Place, Suite 419, Jersey City, New Jersey 07310.

3. Plaintiff SITO Mobile R&D IP, LLC is a limited liability company organized and existing under the laws of the State of Delaware with its principal place of business located at 123 Town Square Place, Suite 419, Jersey City, New Jersey 07310. Plaintiff SITO Mobile R&D IP, LLC is a wholly owned subsidiary of Plaintiff SITO Mobile, Ltd. (collectively "SITO"). SITO Mobile R&D IP, LLC is a patent holding company that does not exist separate from its parent SITO Mobile, Ltd. In that regard, SITO Mobile, Ltd. controls all of SITO Mobile R&D IP, LLC's business operations and SITO Mobile R&D IP, LLC's financials roll-up into SITO Mobile, Ltd.

4. On information and belief, Saks is a Tennessee corporation with a principal place of business at 225 Liberty St, Fl 31, New York, NY 10281-1089.

5. On information and belief, Saks maintains a regular and established place of business at 7400 San Pedro Ave., San Antonio, TX 78216.

JURISDICTION AND VENUE

6. This Court has subject matter jurisdiction over this action pursuant to 28 U.S.C. §§ 1331 and 1338(a) because this action arises under the patent laws of the United States, 35 U.S.C. §§ 1 *et seq.*

7. This Court has personal jurisdiction over Saks in accordance with due process and/or the Texas Long Arm Statute because, because it has committed and

continues to commit acts of infringement giving rise to this action in the State of Texas in violation of at least 35 U.S.C. §§ 271(a). In particular, on information and belief, Saks has made, used, offered to sell and/or sold infringing products, services and/or systems in the State of Texas.

8. This Court has personal jurisdiction over Saks for at least the following reasons: (1) Saks is present in within or has minimum contacts within the State of Texas and the Western District of Texas; (2) Saks has purposefully availed itself of the privileges of conducting business in the State of Texas and in this district; (3) Saks has sought privileges, protections, and benefits from the laws of the State of Texas; and (4) Saks regularly conducts business within the State of Texas and within this district, and Plaintiff's cause of action arises directly from Defendant's business contacts and other activities in the State of Texas and in this district, including deriving substantial revenue from the infringing goods and services in the State of Texas and this judicial district.

9. On information and belief, Saks owns and operates department stores in this judicial district, including at least at 7400 San Pedro Ave., San Antonio, TX 78216.

10. On information and belief, Saks solicits Texas-based customers through its infringing video streaming services, including through its performance of demonstrations of infringing products and services in the State of Texas and in this Judicial District including by accessing www.saksfifthavenue.com.

11. On information and belief, Saks (or those acting on its behalf) makes, uses, sells, imports and/or offers to sell the infringing video streaming services, including through the www.saksfifthavenue.com website in the United States, and this judicial

district that infringe (literally and/or under the doctrine of equivalents) one or more claims of each of the patents-in-suit.

12. This Court has personal jurisdiction over Saks because Saks has sufficient minimum contacts with this forum as a result of business conducted within the State of Texas and this judicial district. In particular, this Court has personal jurisdiction over Saks because, inter alia, Saks, on information and belief (directly and/or through its subsidiaries, affiliates, or intermediaries), has substantial, continuous, and systematic business contacts in this judicial district, and derives substantial revenue from infringing goods and services provided to individuals in the State of Texas and this Judicial District.

13. Saks (directly and/or through its subsidiaries, affiliates, or intermediaries) has purposefully availed itself of the privileges of conducting business within the State of Texas and in this Judicial District, has established sufficient minimum contacts with this Judicial District such that it should reasonably and fairly anticipate being hauled into court in this Judicial District, has purposefully directed activities at residents of this judicial district, and at least a portion of the patent infringement claims alleged in this Complaint arise out of or are related to one or more of the foregoing activities.

14. On information and belief, Saks is subject to the Court's jurisdiction because it regularly markets, conducts, and solicits business, or otherwise engages in other persistent courses of conduct in the State of Texas, and/or derives substantial revenue from the sale and distribution of goods and services provided to individuals and businesses in the State of Texas including with respect to the

accused Saks Video Streaming Service.

15. On information and belief, the accused Saks Video Streaming Service, that Saks uses, makes, markets, distributes, offers to sell, and sells to consumers throughout the United States, including in the State of Texas, infringe one or more claims of the patents-in-suit.

16. Venue is proper pursuant to 28 U.S.C. §§ 1391(b), (c), (d), 1400(b) and the Federal Circuit's decision in *In re Monolithic Power Sys.*, 50 F.4th 157 (Fed. Cir. 2022), because in addition to Saks' physical locations in this judicial district, upon information and belief, Saks has numerous known employees based out of this division of this judicial district as listed on LinkedIn,¹ and, upon and information and belief, uses these employees' homes to transact its business including performing secretarial services, and storing literature, documents, and products. Saks has also directly and/or indirectly committed acts of patent infringement in this district.

¹ See e.g., https://www.linkedin.com/search/results/people/?currentCompany=%5B%22157315%22%2C%223961319%22%2C%2293075952%22%2C%2289989306%22%5D&geoUrn=%5B%2290000064%22%5D&heroEntityKey=urn%3Ali%3Aorganization%3A157315&keywords=saks%20fifth%20avenue&origin=FACETED_SEARCH&position=1&searchId=f08ed9a3-724a-4c7f-9683-52e2c05f8a3a&sid=CB5.

42 results

	Elliott Chenger • 3rd+  Engineering Leader Austin, TX Current: Senior Engineering Manager at Saks Fifth Avenue	Message
	Stacey Conklin • 3rd+ general Manager at Saks Fifth Avenue San Marcos, TX Current: general manager at Saks Fifth Avenue Outlet	Connect
	Gamir Shrestha • 3rd+ Senior Mobile Engineer at Saks Austin, TX Current: Senior Mobile Engineer at Saks Fifth Avenue	Message
	LinkedIn Member Director, PR & Special Events, Fifth Avenue Club at Saks Fifth Ave... Austin, TX	
	LinkedIn Member consultant at Saks Fifth Avenue Austin, TX	
	Jasmine Sawyer • 3rd+ Senior Technical Analyst at Saks Fifth Avenue Austin, TX	Message
	Keshun Greene • 3rd+ Fashion/Business Administration at Florida State University Austin, TX Current: Operations Coordinator at Saks Fifth Avenue Provides services - Customer Service, Administrative Assistance, Appointment Scheduling, Advertising, Brand Marketing	Follow

SAKS VIDEO STREAMING SERVICE

17. Saks is the premier destination for luxury fashion, driven by a mission to help customers express themselves through relevant and inspiring style.²

² <https://www.saksfifthavenue.com/>

18. Saks users can access its services through any device including phones, tablets, and computers.³

19. Saks streams videos using a network(s) of servers ("Saks Streaming Platform"). Saks uses HTTP Live Streaming (HLS) protocol to stream video content. HLS is an HTTP-based adaptive bitrate streaming technique that enables high-quality streaming of media content over the Internet from web servers. The operation of HLS is described in standards documents.⁴

20. With HLS, a video may be broken up into thousands of small HTTP-based file segments. Each segment contains a short interval of playback time of the video. The segments are encoded at a variety of different bit rates (speeds). After a video is selected to be streamed, the media player on the subscriber device is provided with a file that informs the player, amongst other things, how to obtain the segments sequentially and how to handle ad breaks (if any). As the video is playing, the subscriber device determines the bit rate that it can handle and requests a segment(s) encoded at that bit rate. The player plays the segments in sequential order and continuously requests segments until the player has received all of the segments that make up the video.

THE PATENTS-IN-SUIT

United States Patent No. 7,191,244

³ *Id.*

⁴ The MPEG-DASH standard is available at <https://www.iso.org/ics/35.040.40/x/>. A copy of the HLS standard is attached hereto as Exhibit 7.

21. On March 13, 2007, the USPTO duly and legally issued United States Patent No. 7,191,244 ("the '244 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '244 patent is attached as Exhibit 1.

22. The '244 patent is presumed valid under 35 U.S.C. § 282.

23. SITO Mobile R&D IP, LLC owns all rights, title, and interest in the '244 patent.

24. SITO Mobile, Ltd. maintains equitable title over the '244 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

25. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '244 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 8,015,307

26. On September 06, 2011, the USPTO duly and legally issued United States Patent No. 8,015,307 ("the '307 patent") entitled "System and Method for Streaming Media" to inventor Charles A. Jennings et al. The '307 patent is attached as Exhibit 2.

27. The '307 patent is presumed valid under 35 U.S.C. § 282.

28. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '307 patent.

29. SITO Mobile, Ltd. maintains equitable title over the '307 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

30. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '307 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 8,554,940

31. On October 08, 2013, the USPTO duly and legally issued United States Patent No. 8,554,940 ("the '940 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '940 patent is attached as Exhibit 3.

32. The '940 patent is presumed valid under 35 U.S.C. § 282.

33. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '940 patent.

34. SITO Mobile, Ltd. maintains equitable title over the '940 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP,

LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

35. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '940 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,349,138

36. On May 24, 2016, the USPTO duly and legally issued United States Patent No. 9,349,138 ("the '138 patent") entitled "System and Method for Streaming Media" to inventor Charles A. Jennings et al. The '138 patent is attached as Exhibit 4.

37. The '138 patent is presumed valid under 35 U.S.C. § 282.

38. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '138 patent.

39. SITO Mobile, Ltd. maintains equitable title over the '138 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

40. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '138 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 10,735,781

41. On August 04, 2020, the USPTO duly and legally issued United States Patent No. 10,735,781 ("the '781 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '781 patent is attached as Exhibit 5.

42. The '781 patent is presumed valid under 35 U.S.C. § 282.

43. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '781 patent.

44. SITO Mobile, Ltd. maintains equitable title over the '781 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

45. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '781 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 10,769,675

46. On September 8, 2020, the USPTO duly and legally issued United States Patent No. 10,769,675 ("the '675 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '675 patent is attached as Exhibit 6.

47. The '675 patent is presumed valid under 35 U.S.C. § 282.

48. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '675 patent.

49. SITO Mobile, Ltd. maintains equitable title over the '675 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

50. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '675 patent and has enjoyed exclusive rights thereunder.

CLAIMS FOR RELIEF

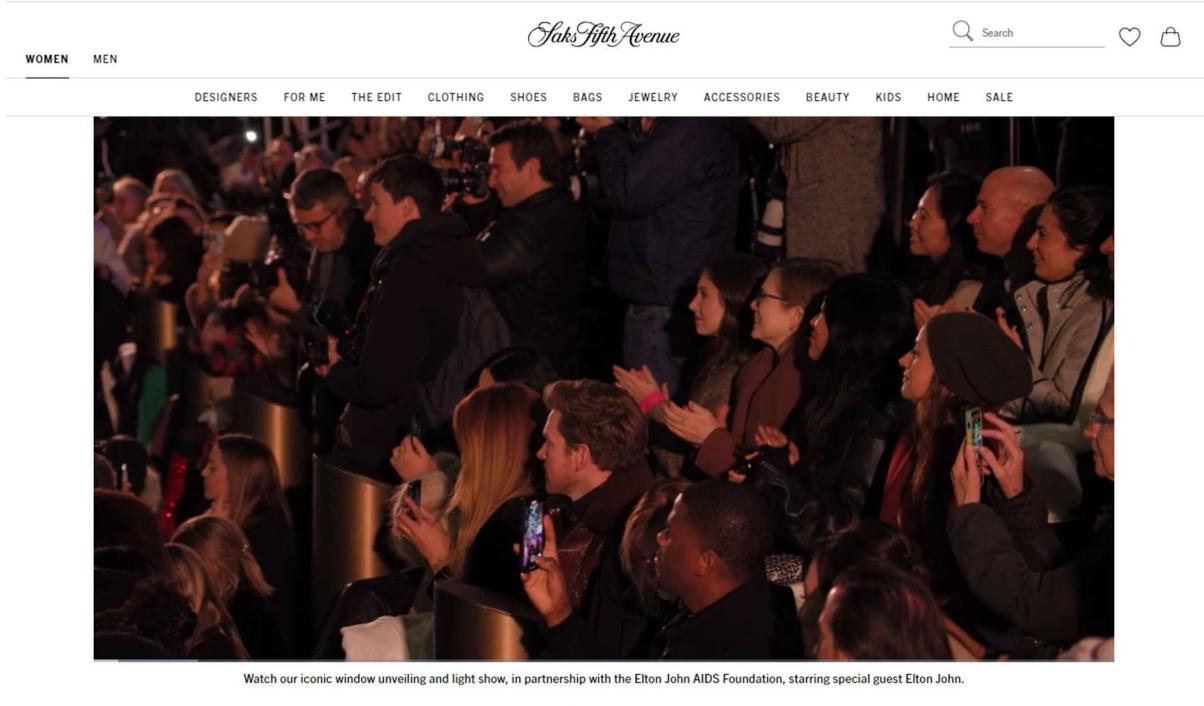
Count I – Infringement of United States Patent No. 7,191,244

51. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

52. Saks directly infringes (literally and/or under the doctrine of equivalents) the '244 patent by using the method covered by at least claim 2 of the '244 patent.

53. On information and belief, and without SITO's approval, authorization and license, Saks owns, controls, operates, and uses a system for streaming media that includes the Saks Streaming Platform, as well as other Saks networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 2 of the '244 patent.

54. Saks performs a method of streaming video content based on a request (e.g., GET request) as demonstrated by the example provided below:



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

Screenshot of a browser developer tools Network tab showing network requests for the live stream video page.

Status	Method	Domain	File	Initiator	Type	Size
200	GET	www.googletag... 8270149.fl... activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...	a?d=AW-867837652&cv=1&v=3&t=t&pid=246754650&rvt=72fc...		html	0 B
200	GET	www.google.com anchor?ar=1&k=6lfzSaYZAAAAAKUMeZtBWWAsRo1kbQhnI sub...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		html	57...
200	GET	www.google.com anchor?ar=1&k=6lfzSaYZAAAAAKUMeZtBWWAsRo1kbQhnI sub...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		html	42...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=11&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=129&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=149&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=152&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=170&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=233&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=239&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=264&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=268&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=280&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=299&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=305&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=330&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=338&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=345&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=390&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=400&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=417&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=419&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...
200	GET	dla5-c1-ia4... Availability.json?sid=undefined&r=440&Availability.prefix=Visi...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27:sub...		js	16...

Details for the first request (Status: 200 OK):

- Version: HTTP/3
- Transferred: 1.20 kB (575 B size)
- Referrer Policy: strict-origin-when-cross-origin
- Blocking: Enhanced Tracking Protection
- Description: This URL matches a known tracker and it would be blocked with Content Blocking enabled.

Response Headers (903 B):

- alt-svc: h3=":443"; ma=2592000.h3-29=":443"; ma=2592000.h3-Q050=":443"; ma=2592000.h3-Q046=":443"; ma=2592000.h3-Q043=":443"; ma=2592000.q043=":443"; ma=2592000.q46=":443"
- cache-control: no-cache, must-revalidate
- content-encoding: br
- content-length: 299
- content-type: text/html; charset=UTF-8
- cross-origin-resource-policy: cross-origin
- date: Wed, 28 Dec 2022 10:20:50 GMT
- expires: Fri, 01 Jan 1990 00:00:00 GMT
- p3p: policyref="https://googleads.g.doubleclick.net/pagead/gcn_p3p_xml"; CP="CURa ADMa DEVa TlO PSAo PSDo OUR IND UNI PUR INT DEM STA PRE COM NAV OTC NOI DSP COR"
- pragma: no-cache
- server: cafe
- set-cookie: test_cookie=CheckForPermission; expires=Wed, 28-Dec-2022 10:35:54

Status Method Domain File Init... Type Size
 200 GET www.googletag... a?id=AW-867837652&cv=1&v=3&t=&tid=246754650&rv= 72fc... html 0 B
 200 GET 8270149.xls.d... activity?src=8270149&type=landi0cat=saks-0ord=1num=27 sub... html 57...
 200 GET www.google.com anchor?ar=1&k=6LfzSaYZAAAAAKUMeZiTBWVAsRo1hkbQhn... html 42...
 200 GET www.google.com anchor?ar=1&k=6LfzSaYZAAAAAKUMeZiTBWVAsRo1hkbQhn... html 43...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=11&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=129&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=149&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=152&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=170&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=233&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=239&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=264&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=268&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=280&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=299&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=305&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=330&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=333&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=345&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=390&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=400&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=417&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=419&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=440&Availability.prefix=Visi 72fc... js 16...
 493 requests 63.83 MB / 13.88 MB transferred | Finish: 40.43 min

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

55. Saks identifies at least one program in which at least a portion of the media is available (e.g., STATUS 200 OK).

Status Method Domain File Init... Type Size
 200 GET www.googletag... a?id=AW-867837652&cv=1&v=3&t=&tid=246754650&rv= 72fc... html 0 B
 200 GET 8270149.xls.d... activity?src=8270149&type=landi0cat=saks-0ord=1num=27 sub... html 57...
 200 GET www.google.com anchor?ar=1&k=6LfzSaYZAAAAAKUMeZiTBWVAsRo1hkbQhn... html 42...
 200 GET www.google.com anchor?ar=1&k=6LfzSaYZAAAAAKUMeZiTBWVAsRo1hkbQhn... html 43...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=11&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=129&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=149&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=152&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=170&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=233&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=239&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=264&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=268&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=280&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=299&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=305&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=330&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=333&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=345&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=390&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=400&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=417&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=419&Availability.prefix=Visi 72fc... js 16...
 200 GET d.la5-c1-i4.s... Availability.json?sid=undefined&r=440&Availability.prefix=Visi 72fc... js 16...
 493 requests 63.83 MB / 13.88 MB transferred | Finish: 40.43 min

The screenshot shows the Firefox developer tools Network tab. It lists 493 requests made to two domains: www.googletagmanager.com and 8270149.flx.doubleclick.net. Most requests are GETs for files like 'activity.json' and 'Availability.json'. The Headers panel shows standard HTTP headers like Content-Type, Date, and various security-related headers. The Request Headers panel shows common browser headers like Accept, User-Agent, and Sec-Fetch-Mode.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

56. Saks processes the request (e.g., GET request) with at least one program rule of the at least one program to generate a presentation (e.g., M3U8 file) identifying the at least the portion of the media.

Network screenshot showing 468 requests. The 'Response' tab is selected, displaying a large amount of response payload code. The code starts with '#EXTM3U' and contains numerous '#EXTINF:-9.920,' entries.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

57. Saks generates a reservation (e.g., connection, session) associated with the presentation as demonstrated by the example provided below:

Network screenshot showing 493 requests. The 'Response' tab is selected, displaying a detailed view of a specific response header for a request to 'https://8270149.fl.doubleclick.net/activity?src=8270149:type=landi0:cat=saks:ord=1:num=21537451155:gtm=20dbu0:uiddc=129078717167222305u1:live-stream%3Avideo101:guestu11:sectionu12=saks.com%3Alive-stream%3Avideoid=dYmQMT:~oref=https%3A%2F%2Fwww.saksfifthavenue.com%2Fc%2Fivesteam%2Fvideo'. The response header includes 'alt-svc', 'cache-control', 'content-encoding', 'content-length', 'content-type', 'date', 'expires', 'pragma', 'server', and 'set-cookie' fields.

Network tab details:

- Status: 200
- Method: GET
- Domain: www.googletagmanager.com
- File: a?id=AW-867837652&cv=1&v=3&t=t&pid=246754650&rvt=72fc...
- Initial Type: html
- Size: 0 B
- Request Headers (796 B):
 - content-length: 299
 - content-type: text/html; charset=UTF-8
 - cross-origin-resource-policy: cross-origin
 - date: Wed, 28 Dec 2022 10:20:50 GMT
 - expires: Fri, 01 Jan 1990 00:00:00 GMT
 - p3p: policyref="https://googleads.g.doubleclick.net/pagead/gcn_p3p.xml", CP="CURA ADMa DEVa TAlc PSAo PSDo OUR IND UNI PUR INT DEM STA PRE COM NAV OTC NOI DSP COR"
 - pragma: no-cache
 - server: cafe
 - set-cookie: test_cookie=CheckForPermission; expires=Wed, 28-Dec-2022 10:35:00 GMT; path=/; domain=.doubleclick.net; Secure; HttpOnly; SameSite=None
 - strict-transport-security: max-age=21600
 - timing-allow-origin: *
 - x-content-type-options: nosniff
 - x-xss-protection: 0
- Response Headers (Raw):
 - Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/web,*/*;q=0.8
 - Accept-Encoding: gzip, deflate, br
 - Accept-Language: en-US,en;q=0.5
 - Alt-Used: 8270149.xls.doubleclick.net
 - Connection: keep-alive
 - Host: 8270149.xls.doubleclick.net
 - Referer: https://www.saksfifthavenue.com/
 - Sec-Fetch-Dest: iframe
 - Sec-Fetch-Mode: navigate
 - Sec-Fetch-Site: cross-site
 - Upgrade-Insecure-Requests: 1
 - User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Summary: 493 requests | 63.83 MB / 13.88 MB transferred | Finish: 40.43 min

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Initial Type: script
- Size: 41...
- Request Headers (655 B):
 - accept: */*
 - accept-encoding: gzip, deflate, br
 - accept-language: en-US,en;q=0.5
 - connection: keep-alive
 - host: manifest.prod.boltdns.net
 - origin: https://www.saksfifthavenue.com
 - referer: https://www.saksfifthavenue.com/
 - sec-fetch-dest: empty
 - sec-fetch-mode: cors
- Response Headers (Raw):
 - access-control-allow-headers: X-Requested-With,Origin,Range,Accept-Encoding,Referer
 - access-control-allow-methods: GET,HEAD,OPTIONS
 - access-control-allow-origin: *
 - access-control-expose-headers: Server,Range,Content-Length,Content-Range
 - age: 0
 - cache-control: s-maxage=10800, max-age=10800
 - content-length: 27290
 - content-type: application/x-mpegURL
 - date: Wed, 28 Dec 2022 10:11:50 GMT
 - via: 1.1 varnish
 - x-cache: MISS
 - x-cache-hits: 0
 - x-device-group: desktop-firefox
 - X-Firefox-Spdy: h2
 - x-powered-by: BC
 - x-powered-from: gantry
 - x-served-by: cache-hyd1100024-HYD
 - x-timer: S1672222311.560233.V50.VE383

Summary: 465 requests | 63.82 MB / 13.86 MB transferred | Finish: 24.77 min

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

58. Saks identifies at least one resource (e.g., CDN) to stream the presentation for reception by the viewer (e.g., client device) based on the reservation.

Network tab details:

- Status:** 465 requests, 63.82 MB / 13.86 MB transferred, Finish: 24.77 min.
- File:** A table showing network requests. Headers are collapsed.
- Headers:** Expanded, showing standard HTTP headers like Content-Type, Content-Length, Date, and various X-headers.

Network tab details:

- Status:** 467 requests, 63.82 MB / 13.86 MB transferred, Finish: 25.00 min.
- File:** A table showing network requests. Headers are collapsed.
- Headers:** Expanded, showing standard HTTP headers like Content-Type, Content-Length, Date, and various X-headers.

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstat...
- File: recaptcha_en.js
- Initial Response Headers (Response tab):


```

      1 #EXTM3U
      2 #EXT-X-VERSION:3
      3 #EXT-X-MEDIA-SEGMENT-TYPE:VOD
      4 #EXT-X-MEDIA-SEQUENCE:0
      5 #EXT-X-TARGETDURATION:10
      6 #EXTINF:-9.920,
      7 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      8 #EXTINF:-9.920,
      9 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      10 #EXTINF:-9.920,
      11 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      12 #EXTINF:-9.920,
      13 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      14 #EXTINF:-9.920,
      15 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      16 #EXTINF:-9.920,
      17 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      18 #EXTINF:-9.920,
      19 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      20 #EXTINF:-0.200,
      21 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      22 #EXTINF:-9.920,
      23 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      24 #EXTINF:-9.920,
      25 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      26 #EXTINF:-9.920,
      27 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      28 #EXTINF:-9.920,
      29 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      30 #EXTINF:-9.920,
      31 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      32 #EXTINF:-9.920,
      33 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      34 #EXTINF:-9.920,
      35 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      36 #EXTINF:-9.920,
      37 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      38 #EXTINF:-9.920,
      39 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      40 #EXTINF:-9.920,
      41 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      42 #EXTINF:-9.920,
      43 https://bcbolt446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b
      44 #EXTINF:-9.920,
      45 <
```
- Request Headers (Request tab):
- Timings: 468 requests, 63.82 MB / 13.86 MB transferred, Finish: 25.81 min

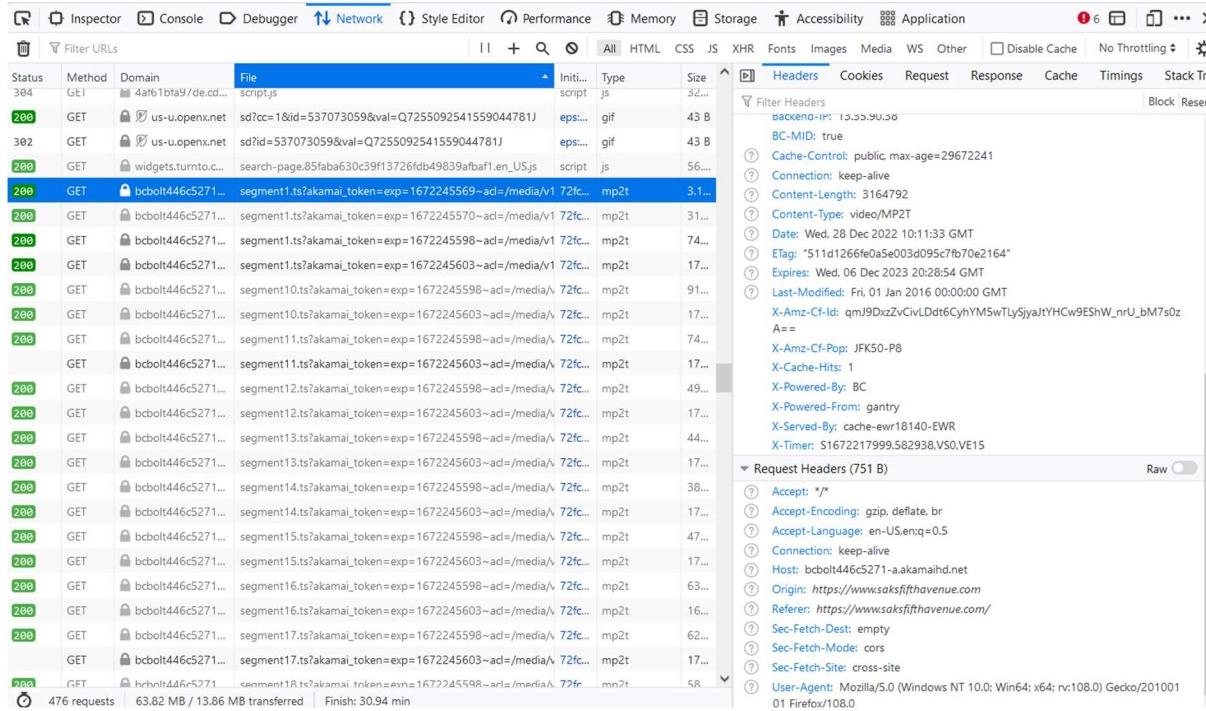
See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

Network tab details:

- Status: 200
- Method: POST
- Domain: rum.browser-int...
- File: rum?ddsource=...&ddtags=...&dk_version=4.28.1.apizhr.en_USjs
- Initial Response Headers (Response tab):


```

      Status: 200 OK
      Version: HTTP/1.1
      Transferred: 3.16 MB (3.16 MB size)
      Referer Policy: strict-origin-when-cross-origin
      
```
- Request Headers (Request tab):
- Timings: 469 requests, 63.82 MB / 13.86 MB transferred, Finish: 26.69 min



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

59. On information and belief, Saks has been on notice of the '244 patent

at least as early as January 26, 2023, when Saks' in-house counsel responded to

SITO's counsel's January 9, 2023 letter concerning Saks' infringement of the

patents-in-suit.

60. On information and belief, at least since January 26, 2023, Saks knowingly encouraged and continues to encourage its customers to directly infringe one or more claims of the '244 patent, including by Saks' actions that include, without limitation, instructing and encouraging its customers to use the Saks Video Streaming Services through the publishing, distribution, and propagation of targeted user emails, shopping offers, support documents, blog posts, live events, and instructions, including but not limited to the examples of such materials cited above.

61. On information and belief, at least since acquiring its January 2023 knowledge of the '244 patent, Saks knows the acts Saks induced its customers to take constitute patent infringement and Saks' encouraging acts result in direct infringement of one or more claims of the '244 patent by its customers.

62. On information and belief, Saks' customers directly infringe at least claim 2 of the '244 patent through their use of the Saks Streaming Video Service.

63. On information and belief, Saks is in violation of 35 U.S.C. § 271(b) and has been, at least since its January 2023 knowledge of the '244 patent, indirectly infringing and continues to indirectly infringe at least claim 2 of the '244 patent by knowingly and specifically intending to induce infringement by others (including, without limitation, Saks' users) and possessing specific intent to encourage infringement by Saks' users. The Saks Video Streaming Service is specifically configured to function in accordance with the '244 patent claims.

64. SITO has been damaged by the direct and indirect infringement of Saks, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

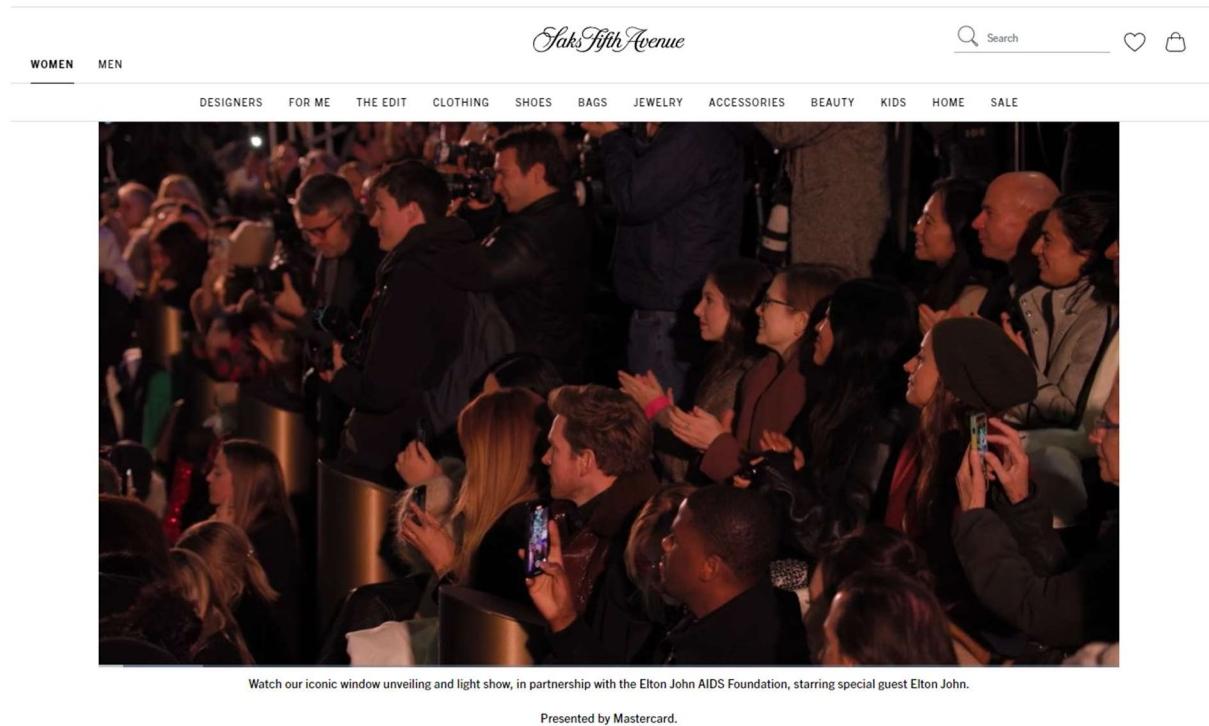
Count II- Infringement of United States Patent No. 8,015,307

65. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

66. Saks directly infringes (literally and/or under the doctrine of equivalents) the '307 patent by using the method covered by at least claim 30 of the '307 patent.

67. On information and belief, and without SITO's approval, authorization and license, Saks owns, controls, operates and uses a system for streaming media that includes the Saks Streaming Platform, as well as other Saks networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 30 of the '307 patent.

68. Saks performs a method of streaming video as demonstrated by the example provided below:



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

69. Saks processes a request (e.g., GET request) for media at a management system (e.g., contained within Saks streaming service server(s)) and builds in response thereto a reservation (e.g., session or connection) comprising a reservation identification (e.g., the reservation identification is appended with the universal resource locator) and

a presentation identification (e.g., M3U8 file), the presentation identification identifying a presentation (e.g., M3U8 file) comprising at least one network distribution rule (e.g., bandwidth) and a media play list (e.g., segment list for the media) comprising a plurality of media names.

Status	Method	Domain	File	Initl...	Type	Size	Headers	Cookies	Request	Response	Timings	Security
200	GET	www.googletag...	a?id=A8-867837652&cv=1&v=3&t=t&pid=246754650&rv=72fc...		html	0 B						
200	GET	8270149.fl... www.google.com	activity.json?src=8270149&type=landi0:cat=saks-0:ord=1:num=27:sub...		html	57...						
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZiTBWVVAro1kbQhn1 sub...		html	42...						
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZiTBWVVAro1kbQhn1 sub...		html	43...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=11&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=129&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=149&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=152&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=170&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=233&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=239&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=264&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=268&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=280&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=299&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=305&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=330&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=333&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=345&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=390&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=400&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=417&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=419&Availability.prefix=Visi...	72fc...	js	16...						
200	GET	d.la5-c1-ia4.s...	Availability.json?sid=undefined&r=440&Availability.prefix=Visi...	72fc...	js	16...						

493 requests | 63.83 MB / 13.88 MB transferred | Finish: 40.43 min

The screenshot shows the Network tab in the developer tools. It lists 493 requests, with the first few entries detailed below:

Status	Method	Domain	File	Initi.	Type	Size
200	GET	www.googletag...	a?id=AW-867837652&cv=1&v=3&t=1&pid=246754650&rvt=72fc...	html	0 B	
200	GET	8270149.flst...	activitysrc=8270149&type=land&cat=saks-0ord=1num=27 sub...	html	57...	
200	GET	www.google.com	anchor?ar=1&ck=6LzSaYZAAAAMKuMeZTBWVAsRo1hkQchnl sub...	html	42...	
200	GET	www.google.com	anchor?ar=1&ck=6LzSaYZAAAAMKuMeZTBWVAsRo1hkQchnl sub...	html	43...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=11&Availability.prefix=Visi...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=129&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=149&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=152&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=170&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=233&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=239&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=264&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=268&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=280&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=299&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=305&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=330&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=333&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=345&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=390&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=400&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=417&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=419&Availability.prefix=Vit...	js	16...	
200	GET	8270149.flst...	Availability.json?&sid=undefined&r=440&Availability.prefix=Vit...	js	16...	

On the right side, there are tabs for Headers, Cookies, Request, Response, Timings, and Security. The Headers tab is selected. A sidebar on the right shows expanded headers for the first request, including Content-Length, Content-Type, Date, Expires, P3P, Pragma, Server, Set-Cookie, Strict-Transport-Security, Timing-Allow-Origin, X-Content-Type-Options, and X-XSS-Protection. The Request Headers section shows 796 items, and the User-Agent is Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0.

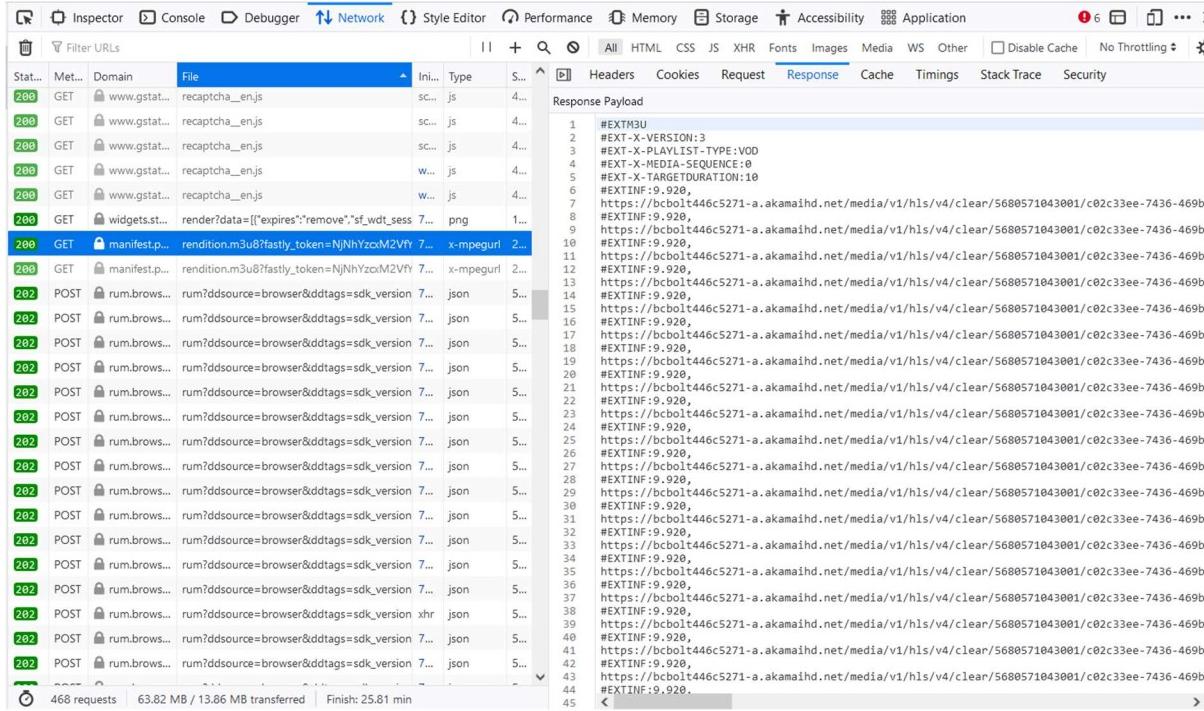
See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

The screenshot shows the Network tab of a browser developer tools interface. The table lists 468 requests. The columns include Status, Method, Domain, File, Response Payload, and Headers. Most requests are for 'recaptcha_en.js' files from 'www.gstat.com' and 'widgetstat.net'. The 'Response Payload' column shows the actual JSON data sent in the responses, such as the one for 'manifest.json' which contains the token 'NjNHyzcxM2VfY...'. The 'Headers' column shows standard HTTP headers like 'Content-Type: application/javascript; charset=UTF-8'.

Stat...	Met...	Domain	File	In...	Type	S...	Headers	Cookies	Request	Response	Cache	Timings	Stack Trace	Security
200	GET	www.gstat...	recaptcha_en.js	sc...	js	4...				Response Payload				
200	GET	www.gstat...	recaptcha_en.js	sc...	js	4...				1 #EXTM3U				
200	GET	www.gstat...	recaptcha_en.js	sc...	js	4...				2 #EXT-X-VERSION:3				
200	GET	www.gstat...	recaptcha_en.js	sc...	js	4...				3 #EXT-X-PLAYLIST-TYPE:VOD				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				4 #EXT-X-MEDIA-SEQUENCE:0				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				5 #EXT-X-TARGETDURATION:10				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				6 #EXTINF:9.920,				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				7 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				8 #EXTINF:9.920,				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				9 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				10 #EXTINF:9.920,				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				11 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				12 #EXTINF:9.920,				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				13 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				14 #EXTINF:9.920,				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				15 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				16 #EXTINF:9.920,				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				17 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				18 #EXTINF:9.920,				
200	GET	www.gstat...	recaptcha_en.js	W...	js	4...				19 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				20 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				21 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				22 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				23 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				24 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				25 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				26 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				27 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				28 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				29 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				30 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				31 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				32 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				33 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				34 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				35 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				36 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json	5...				37 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				38 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				39 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				40 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				41 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				42 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				43 https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				44 #EXTINF:9.920,				
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json	5...				45 #EXTINF:9.920,				

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

70. Saks reserves a resource (e.g., Media server) to stream media for the reservation (e.g., connection, session) at the management system (e.g., contained within Saks streaming service server).



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

71. Saks transmits the presentation (e.g., M3U8 file) and reservation data comprising a valid reservation identification (e.g., the reservation identification is appended with the universal resource locator) from the management system (e.g., Saks streaming service server(s)) to a routing processor (e.g., Saks streaming server(s)) and transmits the reservation formatted for reception by the viewer.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

72. Saks selects a media switch (e.g., CDN) at the routing processor based on the at least one network distribution rule, the at least one network distribution rule comprising at least one member of a group comprising a capacity rule, a load rule, a bandwidth rule, a resource rule, and a session rule.

Network tab details:

- Status:** 465 requests, 63.82 MB / 13.86 MB transferred, Finish: 24.77 min.
- File:** A table showing network requests. Headers are collapsed.
- Headers:** Expanded, showing standard HTTP headers like Content-Type, Accept, and Cache-Control.

Network tab details:

- Status:** 467 requests, 63.82 MB / 13.86 MB transferred, Finish: 25.02 min.
- File:** A table showing network requests. Headers are collapsed.
- Headers:** Expanded, showing standard HTTP headers like Content-Type, Accept, and Cache-Control.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

73. Saks determines, at the routing processor, if the media switch (e.g., CDN)

is configured to stream the media identified by the media playlist (e.g., segment list contained within the M3U8 file).

The screenshot shows the Network tab in the Chrome DevTools. It lists 468 requests and 468 responses. The requests are mostly GET requests for files like 'recaptcha_en.js', 'manifest.json', and various CSS and JS files. The responses show the actual content of these files. A specific response for 'manifest.json' is highlighted with a gray background, showing its contents. The tabs at the top are All, HTML, CSS, JS, XHR, Fonts, Images, Media, WS, Other, Headers, Cookies, Request, Response, Cache, Timings, Stack Trace, and Security.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

The screenshot shows the Microsoft Edge developer tools Network tab. The left pane lists network requests with columns for Status, Method, Domain, File, Initiator, Type, Size, and a dropdown menu. The right pane displays the selected request's details, including Headers, Cookies, Request, Response, Cache, Timings, and Stack Trace tabs. The Headers tab is active, showing a detailed breakdown of response headers like Content-Type, Content-Length, and Date.

Status	Method	Domain	File	Initiator	Type	Size	Headers
200	POST	rum.browser-int...	rum?ddsource=browser&ddtags=sdk_version4.28.1.apixhr.en	72fc...	json	53 B	Content-Type: application/json Content-Length: 53 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	px.ownergo.net	saks.js	72fc...	js	14....	Content-Type: application/javascript Content-Length: 14 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	cdn.cookielaw.org	Saks_540x540px.jpg	72fc...	octet-stream	51....	Content-Type: image/jpeg Content-Length: 51 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
304	GET	4af61bfa97de.co...	script.js		script	32....	Content-Type: application/javascript Content-Length: 32 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	us.uopenx.net	sd?cc=1&id=537073059&val=Q7255092541559044781j	eps...	gif	43 B	Content-Type: image/gif Content-Length: 43 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
302	GET	us.uopenx.net	sd?id=537073059&val=Q7255092541559044781j	eps...	gif	43 B	Content-Type: image/gif Content-Length: 43 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	widgets.turnto.c...	search-page.85faba630c39f13726fd49839abfa1.en.US_js	script	js	56....	Content-Type: application/javascript Content-Length: 56 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245569~ad~/media/v1	72fc...	mp2t	3.1...	Content-Type: video/mp2t Content-Length: 3.1 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245570~ad~/media/v1	72fc...	mp2t	31....	Content-Type: video/mp2t Content-Length: 31 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....	Content-Type: video/mp2t Content-Length: 74 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....	Content-Type: video/mp2t Content-Length: 17 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	91....	Content-Type: video/mp2t Content-Length: 91 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....	Content-Type: video/mp2t Content-Length: 17 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....	Content-Type: video/mp2t Content-Length: 74 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....	Content-Type: video/mp2t Content-Length: 17 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	49....	Content-Type: video/mp2t Content-Length: 49 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....	Content-Type: video/mp2t Content-Length: 17 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	44....	Content-Type: video/mp2t Content-Length: 44 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....	Content-Type: video/mp2t Content-Length: 17 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	38....	Content-Type: video/mp2t Content-Length: 38 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....	Content-Type: video/mp2t Content-Length: 17 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	47....	Content-Type: video/mp2t Content-Length: 47 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....	Content-Type: video/mp2t Content-Length: 17 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *
200	GET	bcbolt446c5271...	segment16.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	63....	Content-Type: video/mp2t Content-Length: 63 Date: Wed, 28 Dec 2022 10:13:33 GMT Vary: Accept Access-Control-Allow-Origin: *

The screenshot shows a browser's developer tools Network tab. It lists 476 requests, mostly GETs, for files named segment1.ts through segment18.ts. These files are MP2T format and have sizes ranging from 16MB to 58MB. The requests are from the domain bcbolt446c5271.akamaihd.net. The 'Headers' section on the right shows standard HTTP headers like Accept, Accept-Encoding, and Connection. The 'Request Headers' section shows 'Content-Length: 751 B'.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

74. Saks transmits the reservation data from the routing processor to the media switch (e.g., CDN) if the media switch is configured, at least initially, to stream the media for the media play list.

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

The screenshot shows a browser's developer tools Network tab with the Response tab selected. It lists 468 requests. The requests are primarily GETs to 'www.gstat...' and 'rum.brows...' domains, with file names like 'recaptcha_en.js', 'manifest.p...', and various HLS manifest files. The Response Payload for one of the requests shows a large block of HLS manifest code, which includes #EXTM3U, #EXT-X-VERSION:3, #EXT-X-BYTERANGE, #EXT-X-MEDIA-SEQUENCE:0, #EXT-X-TARGETDURATION:10, and multiple URLs for video segments starting with https://bcc01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b#EXTINF:9.920, followed by a series of numbers from 1 to 45.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

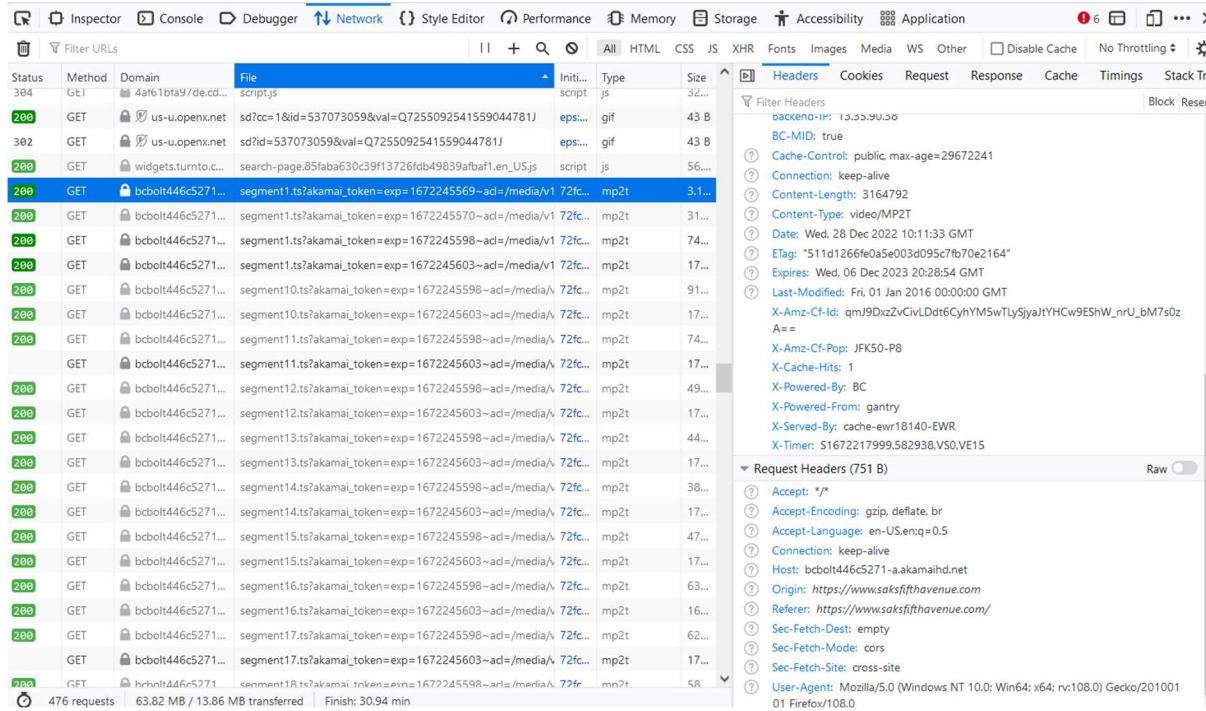
75. Saks validates the reservation identification with the reservation data at the media switch and for each media name on the media play list, streaming at least partially the media identified by the media name if the reservation identification is valid.

The screenshot shows the Network tab in the Chrome DevTools. It lists 468 requests and 468 responses. The requests are mostly GET requests for files like 'recaptcha_en.js', 'manifest.json', and various CSS and JS files. The responses show the actual content of these files. A specific response for 'manifest.json' is highlighted with a gray background, showing its contents. The tabs at the top are All, HTML, CSS, JS, XHR, Fonts, Images, Media, WS, Other, Headers, Cookies, Request, Response, Cache, Timings, Stack Trace, and Security.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

The screenshot shows the Microsoft Edge developer tools Network tab. The table lists 469 requests. Key columns include Status, Method, Domain, File, Initiat., Type, Size, Headers, Cookies, Request, Response, Cache, Timings, and Stack Tr. A status bar at the bottom indicates 63.82 MB / 13.86 MB transferred and a finish time of 26.69 min.

Status	Method	Domain	File	Initiat.	Type	Size	Headers	Cookies	Request	Response	Cache	Timings	Stack Tr.
200	POST	rum.browser-int...	rum?ddsource=browser&ddtags=sdk_version4.28.1.apixhr.en	72fc...	json	53 B							
200	GET	px.owneriq.net	saks.js	72fc...	js	14....							
200	GET	cdn.cookielaw.org	Saks_540x540px.jpg	72fc...	octet-stream	51....							
304	GET	4af61bfa97de.c...	script.js		script	32....							
200	GET	us.uopenx.net	sd?cc=1&id=537073059&val=Q7255092541559044781j	eps...	gif	43 B							
302	GET	us.uopenx.net	sd?id=537073059&val=Q7255092541559044781j	eps...	gif	43 B							
200	GET	widgets.turnto.c...	search-page.85faba630c39f13726fd49839abfa1.en.US_js	script	js	56....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245569~ad~/media/v1	72fc...	mp2t	3.1...							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245570~ad~/media/v1	72fc...	mp2t	31....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	91....							
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....							
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	49....							
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	44....							
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	38....							
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	47....							
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment16.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	63....							



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

76. On information and belief, Saks has been on notice of the '307 patent

at least as early as January 26, 2023, when Saks' in-house counsel responded to

SITO's counsel's January 9, 2023 letter concerning Saks' infringement of the

patents-in-suit.

77. On information and belief, at least since January 26, 2023, Saks knowingly encouraged and continues to encourage its customers to directly infringe one or more claims of the '307 patent, including by Saks' actions that include, without limitation, instructing and encouraging its customers to use the Saks Video Streaming Services through the publishing, distribution, and propagation of targeted user emails, shopping offers, support documents, blog posts, live events, and instructions, including but not limited to the examples of such materials cited above.

78. On information and belief, at least since acquiring its January 2023 knowledge of the '307 patent, Saks knows the acts Saks induced its customers to take constitute patent infringement and Saks' encouraging acts result in direct infringement of one or more claims of the '307 patent by its customers.

79. On information and belief, Saks' customers directly infringe at least claim 30 of the '307 patent through their use of the Saks Video Streaming Service.

80. On information and belief, Saks is in violation of 35 U.S.C. § 271(b) and has been, at least since its January 2023 knowledge of the '307 patent, indirectly infringing and continues to indirectly infringe at least claim 30 of the '307 patent by knowingly and specifically intending to induce infringement by others (including, without limitation, Saks' users) and possessing specific intent to encourage infringement by Saks' users. The Saks Video Streaming Service is specifically configured to function in accordance with the '307 patent claims.

81. SITO has been damaged by the direct and indirect infringement of Saks, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

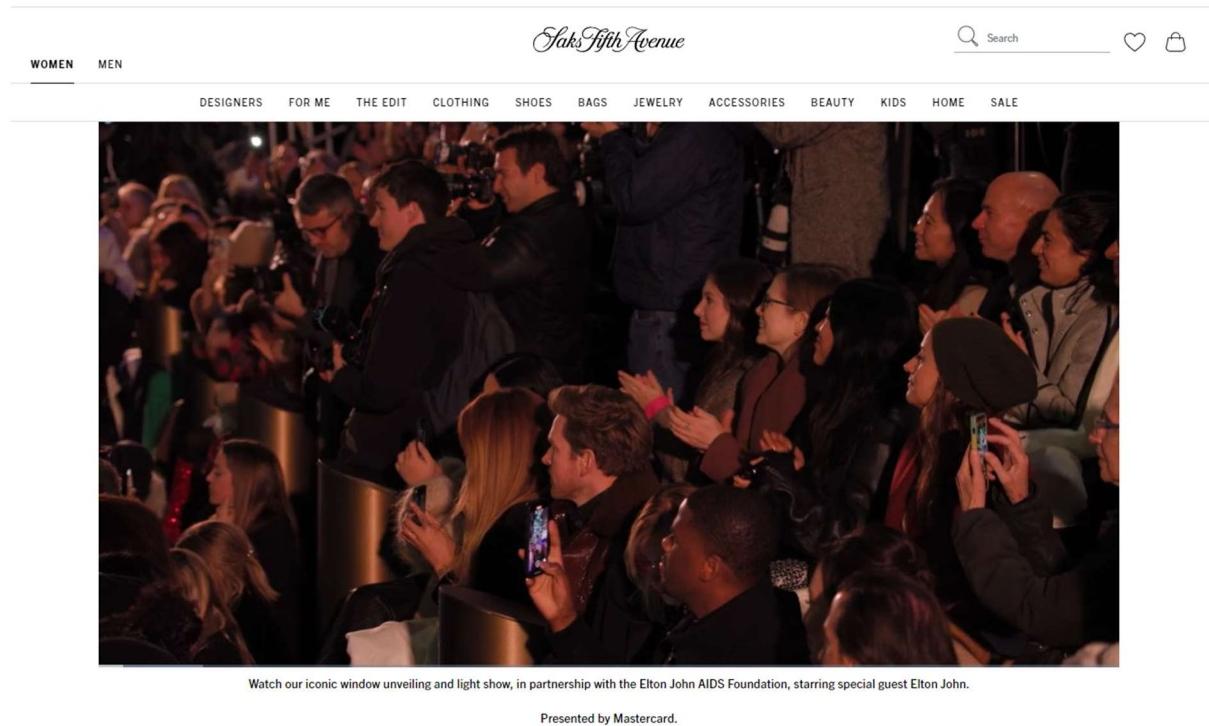
Count III- Infringement of United States Patent No. 8,554,940

82. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

83. Saks directly infringes (literally and/or under the doctrine of equivalents) the '940 patent by using the method covered by at least claim 1 of the '940 patent.

84. On information and belief, and without SITO's approval, authorization and license, Saks owns, controls, operates and uses a system for streaming media that includes the Saks Streaming Platform, as well as other Saks networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 1 of the '940 patent.

85. Saks performs a method of streaming video as demonstrated by the example provided below:



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

86. Saks processes a request (e.g., GET request) at a reservation system (e.g., Saks Streaming Service server(s)) to identify at least one program (e.g., requested media or video) comprising at least one program routing rule (e.g., geographic restrictions) and a list of media from which at least a portion of the media is identified.

Screenshot of Network tab in Firefox Developer Tools showing network requests. The table lists 493 requests, all successful (200 OK) and in HTML type. A specific request for '8270149.fl... activity' is highlighted.

Status	Method	Domain	File	Initi...	Type	Size
200	GET	www.googletag...	a?id=AW-867837652&cv=1&v=3&t=t&pid=246754650&rv=72fc...		html	0 B
200	GET	8270149.fl...	activity;src=8270149;type=landi0;cat=saks-0;ord=1;num=27_sub...		html	57...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1_sub...		html	42...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1_sub...		html	43...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=11&Availability.prefix=Visi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=129&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=149&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=152&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=170&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=233&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=239&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=264&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=268&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=280&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=299&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=305&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=330&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=333&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=345&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=390&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=400&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=417&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=419&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=440&Availability.prefix=Vi 72fc...		js	16...

Request Headers for the highlighted request:

- GET https://8270149.fl.doubleclick.net/activity;src=8270149;type=landi0;cat=saks-0;ord=1;num=27_sub...
- Content-Type: application/x-www-form-urlencoded
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0
- Accept: */*
- Accept-Language: en-US;q=0.5
- Alt-Used: 8270149.fl.doubleclick.net
- Connection: keep-alive
- Host: 8270149.fl.doubleclick.net
- Referer: https://www.saksfifthavenue.com/c/live-stream/video
- Sec-Fetch-Dest: iframe
- Sec-Fetch-Mode: navigate
- Sec-Fetch-Site: cross-site
- Upgrade-Insecure-Requests: 1
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Screenshot of Network tab in Firefox Developer Tools showing network requests. The table lists 493 requests, all successful (200 OK) and in HTML type. A specific request for '8270149.fl... activity' is highlighted.

Status	Method	Domain	File	Initi...	Type	Size
200	GET	www.googletag...	a?id=AW-867837652&cv=1&v=3&t=t&pid=246754650&rv=72fc...		html	0 B
200	GET	8270149.fl...	activity;src=8270149;type=landi0;cat=saks-0;ord=1;num=27_sub...		html	57...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1_sub...		html	42...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1_sub...		html	43...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=11&Availability.prefix=Visi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=129&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=149&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=152&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=170&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=233&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=239&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=264&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=268&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=280&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=299&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=305&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=330&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=333&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=345&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=390&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=400&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=417&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=419&Availability.prefix=Vi 72fc...		js	16...
200	GET	la5-c1-ia4...	Availability.json?sid=undefined&r=440&Availability.prefix=Vi 72fc...		js	16...

Request Headers for the highlighted request:

- GET https://8270149.fl.doubleclick.net/activity;src=8270149;type=landi0;cat=saks-0;ord=1;num=27_sub...
- Content-Type: application/x-www-form-urlencoded
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0
- Accept: */*
- Accept-Language: en-US;q=0.5
- Alt-Used: 8270149.fl.doubleclick.net
- Connection: keep-alive
- Host: 8270149.fl.doubleclick.net
- Referer: https://www.saksfifthavenue.com/c/live-stream/video
- Sec-Fetch-Dest: iframe
- Sec-Fetch-Mode: navigate
- Sec-Fetch-Site: cross-site
- Upgrade-Insecure-Requests: 1
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

87. Saks processes the request (e.g., GET request) with the at least one

program routing rule and the list of media of the program to generate a presentation

(e.g., M3U8 file) identifying the at least the portion of the media, the presentation being in a format receivable by the viewer.

The screenshot shows the Network tab of the Firefox Developer Tools. It displays a list of 465 requests. The requests are mostly GET and POST requests to 'www.gstatic.com' and 'manifest.prod.boltdns.net'. The 'File' column lists various files like 'recaptcha_en.js', 'manifest.m3u8', and 'rendition.m3u8'. The 'Type' column indicates the file type (script, web..., json, etc.). The 'Size' column shows the file size. On the right side, there are detailed sections for 'Headers' and 'Request' containing numerous HTTP headers such as 'accept', 'accept-encoding', 'accept-language', 'connection', 'host', 'origin', 'referer', 'sec-fetch-dest', 'sec-fetch-mode', 'sec-fetch-site', and 'user-agent'. The 'Raw' button is visible in the 'Request Headers' section.

This screenshot shows the Network tab of the Firefox Developer Tools, similar to the one above. It displays a list of 467 requests. The requests are mostly GET and POST requests to 'www.gstatic.com' and 'manifest.prod.boltdns.net'. The 'File' column lists various files like 'recaptcha_en.js', 'manifest.m3u8', and 'rendition.m3u8'. The 'Type' column indicates the file type (script, web..., json, etc.). The 'Size' column shows the file size. On the right side, there are detailed sections for 'Headers' and 'Request' containing numerous HTTP headers such as 'accept', 'accept-encoding', 'accept-language', 'connection', 'host', 'origin', 'referer', 'sec-fetch-dest', 'sec-fetch-mode', 'sec-fetch-site', and 'user-agent'. The 'Raw' button is visible in the 'Request Headers' section.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

88. Saks generates and transmits a reservation (e.g., session or connection)

associated with the presentation (e.g., M3U8 file) from the reservation system.

The screenshot shows the Network tab in the Chrome DevTools Inspector. The left pane lists numerous network requests, mostly GET requests to 'www.googleletag.com' and 'saksoff5thavenue.com'. The right pane displays detailed information for the first request, including Headers, Cookies, Request, Response, Timings, and Security tabs. The Headers tab shows the full HTTP header for the request. The Response tab shows the status 200 OK, version HTTP/3, transferred size 1.20 kB, referrer policy strict-origin-when-cross-origin, and a note about enhanced tracking protection. The Response Headers section shows various headers like alt-svc, cache-control, content-encoding, content-length, content-type, date, expires, pragma, server, and set-cookie.

Status	Method	Domain	File	Initi.	Type	Size
200	GET	www.googleletag.com	a?id=AW-867837652&cv=1&v=3&t=1&pid=246754650&rv=72fc...	0 B	html	57...
200	GET	8270149.flis.d...	activity?src=8270149:type=landi0cat=saks-0ord=1:num=27...sub...	57...	html	42...
200	GET	www.google.com	anchor?ar=1&k=6lzS...ZAAAAKUMeZtBWWAsRo1hkQhn...sub...	43...	html	43...
200	GET	www.google.com	anchor?ar=1&k=6lzS...ZAAAAKUMeZtBWWAsRo1hkQhn...sub...	43...	html	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=11&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=129&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=149&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=152&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=170&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=233&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=239&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=264&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=268&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=280&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=299&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=305&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=330&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=333&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=345&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=390&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=400&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=417&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=419&Availability.prefix=Visi...	16...	js	16...
200	GET	8270149.flis.d...	Availability.json?&id=undefined&r=440&Availability.prefix=Visi...	16...	js	16...

493 requests 63.83 MB / 13.88 MB transferred | Finish: 40.43 min

Headers Cookies Request Response Timings Security

Filter Headers Block Res...

HTTP/3 1.20 kB (575 B size)

strict-origin-when-cross-origin

This URL matches a known tracker and it would be blocked with Content Blocking enabled. (?)

Raw

alt-svc: h3=":443"; ma=2592000,h3-29=":443"; ma=2592000,h3-Q050=":443"; ma=2592000,h3-Q046=":443"; ma=2592000,h3-Q043=":443"; ma=2592000,quic="443"; ma=2592000,v="46,3"

cache-control: no-cache, must-revalidate

content-encoding: br

content-length: 299

content-type: text/html; charset=UTF-8

cross-origin-resource-policy: cross-origin

date: Wed, 28 Dec 2022 10:20:50 GMT

expires: Fri, 01 Jan 1990 00:00:00 GMT

p3p: policyref="https://googleads.doubleclick.net/pagead/gcn_p3p_xml", CP="CURa ADMa DVEa TLo PSAo PSDo OUR IND UNI PUR INT DEM STA PRE COM NAV OTC NOI DSP COR"

pragma: no-cache

server: cafe

set-cookie: test_cookie=CheckForPermission; expires=Wed, 28-Dec-2022 10:35:55

The screenshot shows the Firefox Developer Tools Network tab with numerous requests listed. The requests are primarily from the domains `www.googletagmanager.com` and `8270149.fl.doubleclick.net`. The requests are mostly GET requests for files like `a?id=AW-867837652&cv=1&v=3&t=1&pid=246754650&rvt=72fc...`, `activitysrc=8270149&type=land&cat=saks-0ord=1num=27...`, and various `d.la5-c1-ia4.s...` files. The responses are mostly HTML or JavaScript files. The Network tab also includes Headers, Cookies, Request, Response, Timings, and Security sections.

Status	Method	Domain	File	Initi.	Type	Size
200	GET	www.googletag...	a?id=AW-867837652&cv=1&v=3&t=1&pid=246754650&rvt=72fc...	html	0 B	
200	GET	8270149.fl.d...	activitysrc=8270149&type=land&cat=saks-0ord=1num=27...	html	57...	
200	GET	www.google.com	anchor?ar=1&ck=6LzSaYZAAAAMKuMeZTBWVAsRo1hkQchnl...	html	42...	
200	GET	www.google.com	anchor?ar=1&ck=6LzSaYZAAAAMKuMeZTBWVAsRo1hkQchnl...	html	43...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=11&Availability.prefix=Visi...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=129&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=149&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=152&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=170&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=233&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=239&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=264&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=268&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=280&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=299&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=305&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=330&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=333&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=345&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=390&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=400&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=417&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=419&Availability.prefix=Vit...	js	16...	
200	GET	8270149.fl.d...	Availability.json?&sid=undefined&r=440&Availability.prefix=Vit...	js	16...	

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

The screenshot shows the Network tab in the Firefox Developer Tools. It lists numerous network requests, primarily from the domain www.gstatic.com and www.saklfithavenue.com. Key details include:

- Manifest Request:** A GET request for `manifest.prod.bol...` with a large content length of 27290 bytes. Headers include `Content-Type: application/x-mpegURL` and `Content-Length: 27290`.
- Recaptcha Requests:** Multiple GET requests for `recaptcha_en.js` from `www.gstatic.com`.
- RUM Requests:** Numerous POST requests from `rum.browser-inta...` with varying URLs related to session expiration.
- Other Requests:** Various GET requests for files like `script.js`, `web.js`, and `image.png`.

The bottom section provides a detailed view of the Request Headers for the manifest request, listing common headers like Accept, Accept-Encoding, and Connection, along with specific ones like Host and Origin.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

89. On information and belief, Saks receives the reservation (e.g., session, connection) at a routing processor (e.g., Saks streaming server(s)) and, at the routing processor (e.g., Saks streaming server(s)) determines a priority for a plurality of media

switches (e.g., edge servers of the CDN) available to stream the at least the portion of the media (e.g., media segments contained within the M3U8 file) identified in the presentation (e.g., M3U8 file) based on the at least one program routing rule.

90. On information and belief, Saks receives the reservation (e.g., session, connection) at a routing processor (e.g., Saks streaming server(s)) and, at the routing processor (e.g., Saks streaming server(s)) selects at least one of the plurality of media switches (e.g., edge servers of the CDN) to stream the at least the portion of the media (e.g., media segments contained within the M3U8 file) identified in the presentation (e.g., M3U8 file) based on the priority.

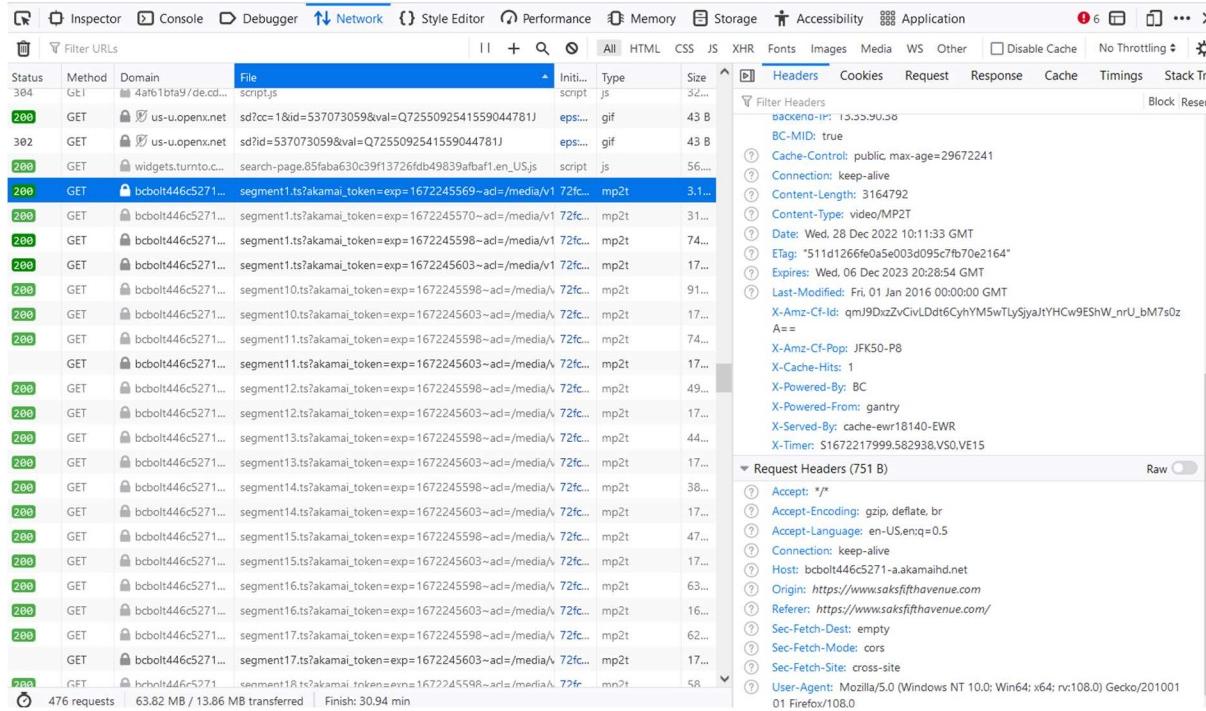
91. On information and belief, Saks receives the reservation (e.g., session, connection) at a routing processor (e.g., Saks streaming server(s)) and, at the routing processor (e.g., Saks streaming server(s)) generates an address (e.g., URL) of the selected at least one of the plurality of media switches (e.g., e.g., edge servers of the CDN) in a format receivable by the viewer.

The screenshot shows the Network tab in the Chrome DevTools. It lists 468 requests and 468 responses. The requests are mostly GET requests for files like 'recaptcha_en.js', 'manifest.json', and various CSS and JS files. The responses show the actual content of these files. A specific response for 'manifest.json' is highlighted with a gray background, showing its contents. The tabs at the top are All, HTML, CSS, JS, XHR, Fonts, Images, Media, WS, Other, Headers, Cookies, Request, Response, Cache, Timings, Stack Trace, and Security.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

The screenshot shows the Microsoft Edge developer tools Network tab. The table lists 469 requests. Key columns include Status, Method, Domain, File, Initiat., Type, Size, Headers, Cookies, Request, Response, Cache, Timings, and Stack Tr. A status bar at the bottom indicates 63.82 MB / 13.86 MB transferred and a finish time of 26.69 min.

Status	Method	Domain	File	Initiat.	Type	Size	Headers	Cookies	Request	Response	Cache	Timings	Stack Tr.
200	POST	rum.browser-int...	rum?ddsource=browser&ddtags=sdk_version4.28.1.apixhr.en	72fc...	json	53 B							
200	GET	px.owneriq.net	saks.js	72fc...	js	14....							
200	GET	cdn.cookielaw.org	Saks_540x540px.jpg	72fc...	octet-stream	51....							
304	GET	4af61bfa97de.c...	script.js		script	32....							
200	GET	us.uopenx.net	sd?cc=1&id=537073059&val=Q7255092541559044781j	eps...	gif	43 B							
302	GET	us.uopenx.net	sd?id=537073059&val=Q7255092541559044781j	eps...	gif	43 B							
200	GET	widgets.turnto.c...	search-page.85faba630c39f13726fd49839abfa1.en_US.js		script	js	56....						
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245569~ad~/media/v1	72fc...	mp2t	3.1...							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245570~ad~/media/v1	72fc...	mp2t	31....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	91....							
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....							
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	49....							
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	44....							
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	38....							
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	47....							
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment16.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	63....							



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

92. On information and belief, Saks has been on notice of the '940 patent

at least as early as January 26, 2023, when Saks' in-house counsel responded to

SITO's counsel's January 9, 2023 letter concerning Saks' infringement of the

patents-in-suit.

93. On information and belief, at least since January 26, 2023, Saks knowingly encouraged and continues to encourage its customers to directly infringe one or more claims of the '940 patent, including by Saks' actions that include, without limitation, instructing and encouraging its customers to use the Saks Video Streaming Services through the publishing, distribution, and propagation of targeted user emails, shopping offers, support documents, blog posts, live events, and instructions, including but not limited to the examples of such materials cited above.

94. On information and belief, at least since acquiring its January 2023 knowledge of the '940 patent, Saks knows the acts Saks induced its customers to take constitute patent infringement and Saks' encouraging acts result in direct infringement of one or more claims of the '940 patent by its customers.

95. On information and belief, Saks' customers directly infringe at least claim 1 of the '940 patent through their use of the Saks Video Streaming Service.

96. On information and belief, Saks is in violation of 35 U.S.C. § 271(b) and has been, at least since its January 2023 knowledge of the '940 patent, indirectly infringing and continues to indirectly infringe at least claim 1 of the '940 patent by knowingly and specifically intending to induce infringement by others (including, without limitation, Saks' users) and possessing specific intent to encourage infringement by Saks' users. The Saks Video Streaming Service is specifically configured to function in accordance with the '940 patent claims.

97. SITO has been damaged by the direct and indirect infringement of Saks, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

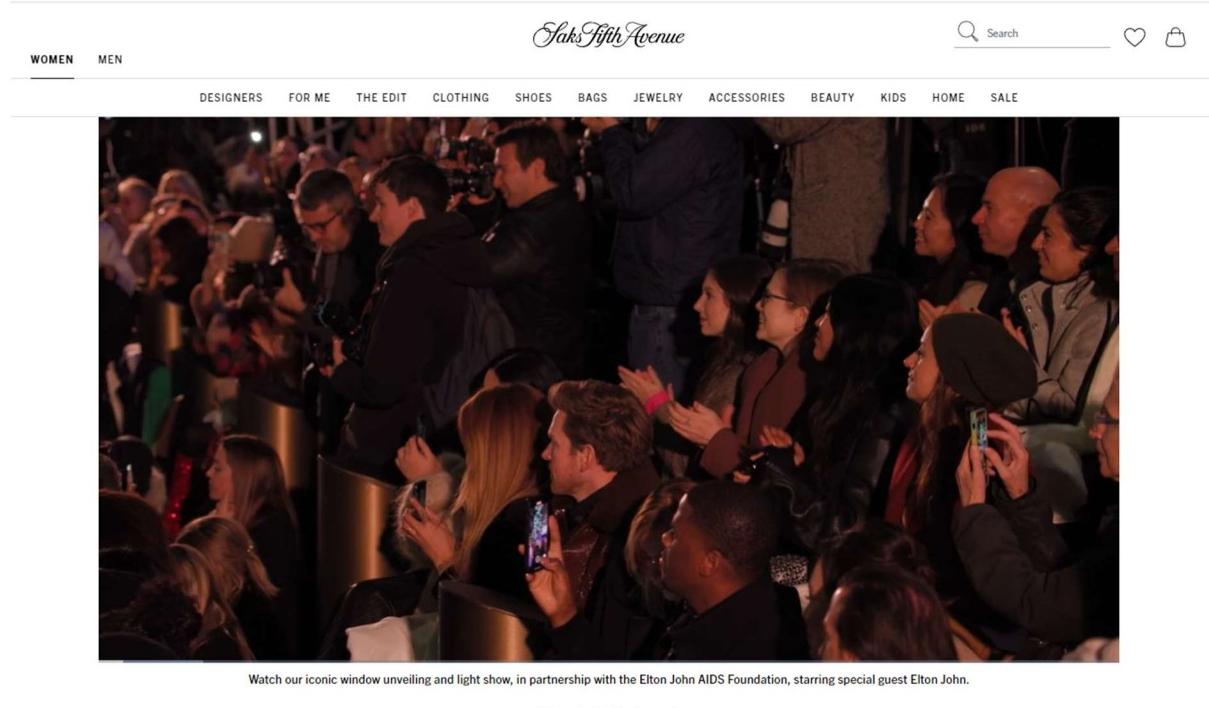
Count IV – Infringement of United States Patent No. 9,349,138

98. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

99. Saks directly infringes (literally and/or under the doctrine of equivalents) claim 11 of the '138 patent.

100. On information and belief, and without SITO's approval, authorization and license, Saks owns, controls, operates and uses a system for streaming media that includes the Saks Streaming Platform, as well as other Saks networks, systems, devices, components and/or services for streaming media, that practices and infringes claim 11 of the '138 patent.

101. Saks performs a method for managing streaming of video content to a client device (*e.g.*, personal computer, mobile device, and/or television) as demonstrated by the example provided below:



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

102. On information and belief, Saks causes a media switch (*e.g.*, Content delivery network, CDN) to generate a media switch state model, the media switch state model comprises at least one state change for at least one state (*e.g.*, streaming paused,

resumed, or skipped to the next segment) occurring for a session of streaming the media to at least one of a plurality of viewers (e.g., client devices), the at least one state change comprising at least one member selected from a group consisting of a session initiation state, a viewing event state, and a session termination state, each comprising a reservation identification (e.g., the reservation identification is appended with the universal resource locator) for the reservation.

103. On information and belief, Saks generates a routing processor state model of a routing processor (e.g., contained within the Saks streaming server), the routing processor state model comprising an identification of the media switch (e.g., CDN) selected to stream the media and the reservation identification (e.g., the reservation identification is appended with the universal resource locator) to the at least one of a plurality of viewers, wherein the media switch is selected based on at least one network distribution rule (e.g., bandwidth supported by the client device).

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Filter URLs

Stat...	Met...	Domain	File	Init...	Type	S...	All	HTML	CSS	JS	XHR	Fonts	Images	Media	WS	Other	Disable Cache	No Throttling
200	GET	www.gstat...	recaptcha_en.js		sc...	js	4...	Response Payload										
200	GET	www.gstat...	recaptcha_en.js		SC...	js	4...	1	#EXTM3U									
200	GET	www.gstat...	recaptcha_en.js		SC...	js	4...	2	#EXT-X-VERSION:3									
200	GET	www.gstat...	recaptcha_en.js		SC...	js	4...	3	#EXT-X-PLAYLIST-TYPE:VOD									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	4	#EXT-X-MEDIA-SEQUENCE:0									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	5	#EXT-X-TARGETDURATION:10									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	6	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	7	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	8	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	9	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	10	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	11	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	12	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	13	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	14	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	15	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	16	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	17	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	18	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	19	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	20	#EXTINF:9.920,									
200	GET	www.gstat...	recaptcha_en.js		W...	js	4...	21	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	22	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	23	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	24	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	25	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	26	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	27	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	28	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	29	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	30	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	31	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	32	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	33	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	34	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	35	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	36	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	37	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	38	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	xhr	json		5...	39	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	40	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	41	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	42	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	43	https://bcb01t446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c0233ee-7436-469b									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	44	#EXTINF:9.920,									
200	POST	rum.brows...	rum?ddsource=browser&ddtags=sdv_version	7...	json		5...	45										
468	requests	63.82 MB / 13.86 MB transferred	Finish: 25:51 min	<	>	<<	>>											

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

104. On information and belief, Saks receives, by at least one processor, a routing processor identification (e.g., contained within the Saks streaming server) and a reservation identification for the reservation (e.g., the reservation identification is appended with the universal resource locator), the routing processor identification identifying a routing processor to select a media switch to stream the media to at least one of a plurality of viewers, the routing processor selecting the media switch based on the at least one network distribution rule.

Screenshot of the Network tab in the Chrome DevTools showing a list of requests. The requests are primarily GET and POST requests to various URLs, mostly from 'www.gstat...' and 'manifest.p...'. The 'File' column shows file names like 'recaptcha_en.js', 'rendition.m3u8?fastly_token=NjNhYzcmM2VfY...', and 'manifest.p...'. The 'Response' tab is selected, displaying the response payload for one of the requests. The payload consists of a large number of lines starting with '#EXTINF:-9.920,' followed by URLs such as 'https://bc0l446c5271-a.akamaihd.net/media/v1/hls/v4/clear/5680571043001/c02c33ee-7436-469b'. The total number of requests shown is 468.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

Screenshot of the Network tab in the Chrome DevTools showing a list of requests. The requests are primarily GET and POST requests to various URLs, mostly from 'rum.browser-int...' and 'px.owneriq.net'. The 'File' column shows file names like 'rum?ddsource=.../sdk_version/4.28.1.apixhr.en', 'saks.js', 'Saks_540x540px.jpg', and 'segment1.ts?akamai_token=exp=1672245569~ad=/media/v1/72fc...'. The 'Response' tab is selected, displaying the response headers for one of the requests. The headers include 'Accept-Ranges: bytes', 'Access-Control-Allow-Headers: X-Requested-With,Origin,Range,Accept-Encoding,CMD-Request,CMD-Object,CMD-Status,CMD-Session', 'Access-Control-Allow-Methods: GET,HEAD,OPTIONS', 'Access-Control-Origin: *', 'Access-Control-Expose-Headers: Server,Range,Content-Length,Content-Range', 'Akamai-Mon-Lucid-Ing,Akamai-Mon-Lucid-Del,Akamai-Request-BC', 'Akamai-Mon-Lucid-Del: 1315351', 'Alt-Svc: h3-Q050='443'; ma=93600,quic='443'; ma=93600; v='46.43'', 'Backend-IP: 13.35.90.38', 'BC-MID: true', 'Cache-Control: public,max-age=29672241', 'Connection: keep-alive', 'Content-Length: 3164792', 'Content-Type: video/MP2T', 'Date: Wed, 28 Dec 2022 10:13:33 GMT', 'Etag: 511d1266fe0a5e003d0957fb70e2164', 'Expires: Wed, 06 Dec 2023 20:28:54 GMT', and 'Last-Modified: Fri, 01 Jan 2016 00:00:00 GMT'. The total number of requests shown is 469.

The screenshot shows the Network tab of a browser's developer tools. It lists 476 requests, with the first few entries detailed below:

Status	Method	Domain	File	Initiator	Type	Size
304	GET	44f61bfa9/de...	script.js		script	32...
200	GET	u.s-openx.net	sd?cc=1&id=537073059&val=Q7255092541559044781	sd?cc=1&id=537073059&val=Q7255092541559044781	image/gif	43 B
302	GET	u.s-openx.net	sd?id=537073059&val=Q7255092541559044781	sd?id=537073059&val=Q7255092541559044781	image/gif	43 B
200	GET	widgets.twimg...	search-page.85fabab63c039f13726fd49839fbfa1.en_US.js		script	56...
200	GET	cbbolt446c5271...	segment1.ts?akamai_token=exp=1672245569-ad-/media/v1/72fc...	segment1.ts?akamai_token=exp=1672245569-ad-/media/v1/72fc...	mp2t	3.1...
200	GET	cbbolt446c5271...	segment1.ts?akamai_token=exp=1672245570-ad-/media/v1/72fc...	segment1.ts?akamai_token=exp=1672245570-ad-/media/v1/72fc...	mp2t	31...
200	GET	cbbolt446c5271...	segment1.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment1.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	74...
200	GET	cbbolt446c5271...	segment10.ts?akamai_token=exp=1672245596-ad-/media/v1/72fc...	segment10.ts?akamai_token=exp=1672245596-ad-/media/v1/72fc...	mp2t	17...
200	GET	cbbolt446c5271...	segment10.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment10.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	91...
200	GET	cbbolt446c5271...	segment10.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment10.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	17...
200	GET	cbbolt446c5271...	segment11.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment11.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	74...
200	GET	cbbolt446c5271...	segment11.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment11.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	17...
200	GET	cbbolt446c5271...	segment12.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment12.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	49...
200	GET	cbbolt446c5271...	segment12.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment12.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	17...
200	GET	cbbolt446c5271...	segment13.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment13.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	44...
200	GET	cbbolt446c5271...	segment13.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment13.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	17...
200	GET	cbbolt446c5271...	segment14.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment14.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	38...
200	GET	cbbolt446c5271...	segment14.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment14.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	17...
200	GET	cbbolt446c5271...	segment15.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment15.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	47...
200	GET	cbbolt446c5271...	segment15.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment15.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	17...
200	GET	cbbolt446c5271...	segment16.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment16.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	63...
200	GET	cbbolt446c5271...	segment16.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment16.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	16...
200	GET	cbbolt446c5271...	segment17.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	segment17.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	62...
200	GET	cbbolt446c5271...	segment17.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	segment17.ts?akamai_token=exp=1672245603-ad-/media/v1/72fc...	mp2t	17...
200	CFT	44f61bfa9/de...	comment19.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	comment19.ts?akamai_token=exp=1672245598-ad-/media/v1/72fc...	mp2t	58...

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

105. On information and belief, Saks receives, by the at least one processor, a media switch identification and the reservation identification for the reservation, the media switch identification identifying the media switch selected to stream the media.

106. On information and belief, Saks receives, by the at least one processor, a state change identification and the reservation identification for the reservation, the state change identification identifying the at least one state change for the at least one state occurring for the session of streaming the media to the at least one of a plurality of viewers, wherein the session initiation state and the session termination state each comprise a reservation identification for the reservation.

107. On information and belief, Saks has been on notice of the '138 patent at least as early as January 26, 2023, when Saks' in-house counsel responded to SITO's counsel's January 9, 2023 letter concerning Saks' infringement of the

patents-in-suit.

108. On information and belief, at least since January 26, 2023, Saks knowingly encouraged and continues to encourage its customers to directly infringe one or more claims of the '138 patent, including by Saks' actions that include, without limitation, instructing and encouraging its customers to use the Saks Video Streaming Services through the publishing, distribution, and propagation of targeted user emails, shopping offers, support documents, blog posts, live events, and instructions, including but not limited to the examples of such materials cited above.

109. On information and belief, at least since acquiring its January 2023 knowledge of the '138 patent, Saks knows the acts Saks induced its customers to take constitute patent infringement and Saks' encouraging acts result in direct infringement of one or more claims of the '138 patent by its customers.

110. On information and belief, Saks' customers directly infringe at least claim 11 of the '138 patent through their use of the Saks Video Streaming Service.

111. On information and belief, Saks is in violation of 35 U.S.C. § 271(b) and has been, at least since its January 2023 knowledge of the '138 patent, indirectly infringing and continues to indirectly infringe at least claim 11 of the '138 patent by knowingly and specifically intending to induce infringement by others (including, without limitation, Saks' users) and possessing specific intent to encourage infringement by Saks' users. The Saks Video Streaming Service is specifically configured to function in accordance with the '138 patent claims.

112. SITO has been damaged by the direct and indirect infringement of Saks, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

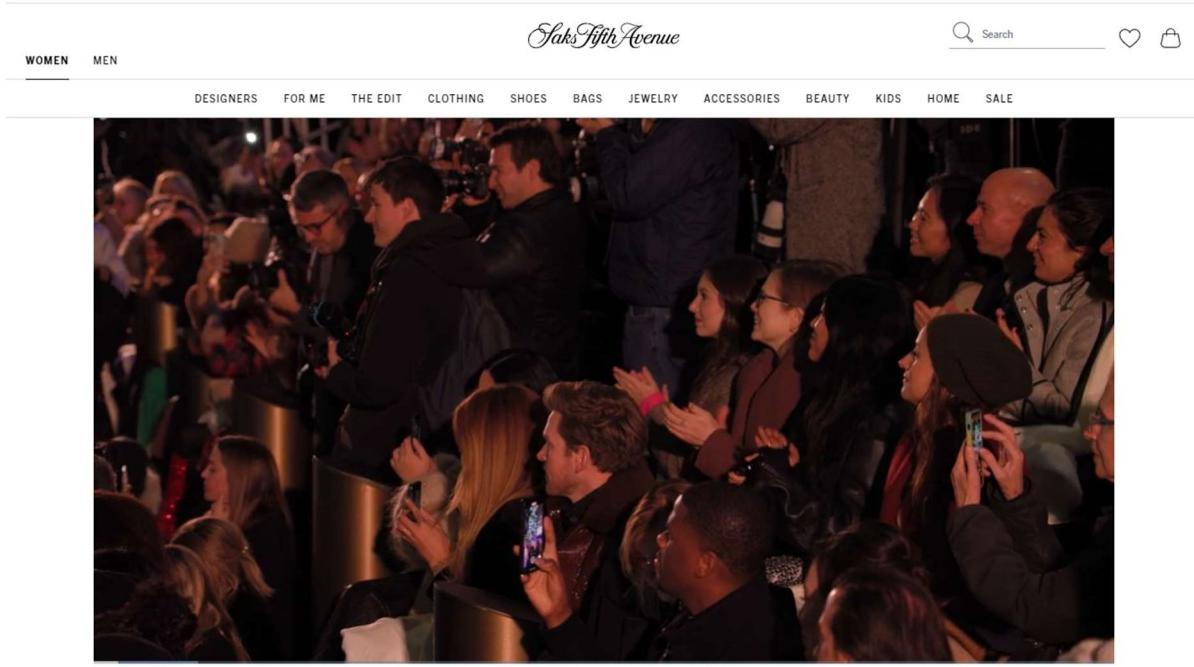
Count V - Infringement of United States Patent No. 10,735,781

113. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

114. Saks directly infringes (literally and/or under the doctrine of equivalents) the '781 patent by using the method covered by at least claim 1 of the '781 patent.

115. On information and belief, and without SITO's approval, authorization and license, Saks owns, controls, operates, and uses a system for streaming media that includes the Saks Streaming Platform, as well as other Saks networks, systems, devices, components, and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 1 of the '781 patent.

116. Saks performs a method of streaming video content to a client device (*e.g.*, a client device such as a personal computer, mobile device, and/or television) as demonstrated by the example provided below:



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

117. On information and belief, Saks provides the video content to a content distribution network for storage in a plurality of geographically separated resources of the content distribution network.

118. Saks selects one or more advertisement media clips based on statistical information associated with a user of the client device.

From Automatic Site or App Data Collection Technologies: We, or third parties working on our behalf, may use cookies, web beacons, javascript and pixel tags, log files, or other technologies to collect certain non-personally identifying information about visitors to our Site or App, users of our online Services, and interactions with our emails and online advertisements, and to allow Saks to keep track of analytics and certain statistical information. For example, we may collect information such as your browser type, operating system type or mobile device model, viewed webpages, links that are clicked, IP address, mobile device identifier or other unique identifier, sites or apps visited before coming to our Site or App, the amount of time you spend viewing or using the Site or App, the number of times you return, or other click-stream or site usage data, emails we send that you open, forward, or click through to our Site or App. Collecting this information, and linking it with your personal information, helps us to tailor our Site and App and enhance your online shopping experience by saving your preferences while you are visiting a particular Site or App, and to help identify Site or App features, promotions, advertisements, and offers that may be of particular interest to you and retarget online and mobile advertisements to you across computers or devices you may use.

From Third-Party Sources: We may acquire information from other sources to update or supplement the information that you provide or that we collect automatically (such as information to validate or update your address or other demographic information), or when you connect with the company through a third party (including through social networks) based on your registration and privacy settings on those third-party sites.

Combination of Information: We may combine the information we receive from or about you, including information you provide to us and information we automatically collect through the Site or App, as well as information across other computers or devices that you use, with information we collect or receive about you from other online and offline sources, or from other third-party sources. This may also include using technologies to recognize multiple interactions and combine them into a single customer profile where appropriate.

From Third-Party Analytics and Advertisements: We also may use third-party advertisements, analytics, and tracking tools to better understand who is using the Site or App, how people are using the Site or App, how to improve the effectiveness of the Services and related content, and to help us or those third parties serve more targeted advertising to you across our media channels. These third parties may use technology such as cookies, web beacons, javascript and pixel tags, log files, flash cookies, or other technologies to collect and store information. They may also combine information they collect from your interaction with the Site or App with information they collect from other sources, which combination may be subject to the third party's control and privacy policy.

See e.g., <https://www.saksfifthavenue.com/c/content/privacy-policy>

119. Saks receives, from the client device (e.g., personal computer, mobile device, television) via a packet-based telecommunication network (e.g., Internet), signaling (e.g., GET request) to have the stored video content streamed to the client device as demonstrated by the example provided below:

Screenshot of Network tab in Firefox Developer Tools showing network traffic for a live stream request.

Network Requests:

Status	Method	Domain	File	Initi...	Type	Size
200	GET	www.googletag...	a?id=AW-867837652&cv=1&v=3&t=t&pid=246754650&rv=72fc...		html	0 B
200	GET	8270149.fl...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27_sub...		html	57...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZtBWWAsRo1hkbQhn1_sub...		html	42...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZtBWWAsRo1hkbQhn1_sub...		html	43...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=11&Availability.prefix=Visi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=129&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=149&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=152&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=170&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=233&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=239&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=264&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=268&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=280&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=299&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=305&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=330&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=345&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=390&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=400&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=417&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=419&Availability.prefix=Vi 72fc...		js	16...
200	GET	dla5-c1-ia4...	Availability.json?sid=undefined&r=440&Availability.prefix=Vi 72fc...		js	16...

Network Response Headers (903 B):

Header	Value
alt-svc	h3=":443"; ma=2592000,h3-29=":443"; ma=2592000,h3-Q050=":443"; ma=2592000,h3-Q046=":443"; ma=2592000,h3-Q043=":443"; ma=2592000,qic=":443"; ma=2592000; v="46.43"
cache-control	no-cache, must-revalidate
content-encoding	br
content-length	299
content-type	text/html; charset=UTF-8
cross-origin-resource-policy	cross-origin
date	Wed, 28 Dec 2022 10:20:50 GMT
expires	Fri, 01 Jan 1990 00:00:00 GMT
p3p	policyref="https://googleads.g.doubleclick.net/pagead/gcn_p3p_xml", CP="CURa ADMa DEVa TAlO PSaO PSDo OUR IND UNI PUR INT DEM STA PRE COM NAV OTC NOI DSP COR"
pragma	no-cache
server	cafe
set-cookie	test_cookie=CheckForPermission; expires=Wed, 28-Dec-2022 10:35:5

Request Headers (796 B):

Header	Value
Accept	text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Encoding	gzip, deflate, br
Accept-Language	en-US,en;q=0.5
Alt-Used	8270149.fl.doubleclick.net
Connection	keep-alive
Host	8270149.fl.doubleclick.net
Referer	https://www.saksfifthavenue.com/
Sec-Fetch-Dest	iframe
Sec-Fetch-Mode	navigate
Sec-Fetch-Site	cross-site
Upgrade-Insecure-Requests	1
User-Agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

120. In response to the received signaling (e.g., GET request), Saks transmits one or more files (e.g., (M3U8 file)) having a format compatible with a media player to the client device (e.g., personal computer, mobile device, television) over the packet-

based telecommunication network (e.g., the Internet) as demonstrated by the example provided below:

The screenshot displays two separate network capture sessions in the Firefox Developer Tools Network tab.

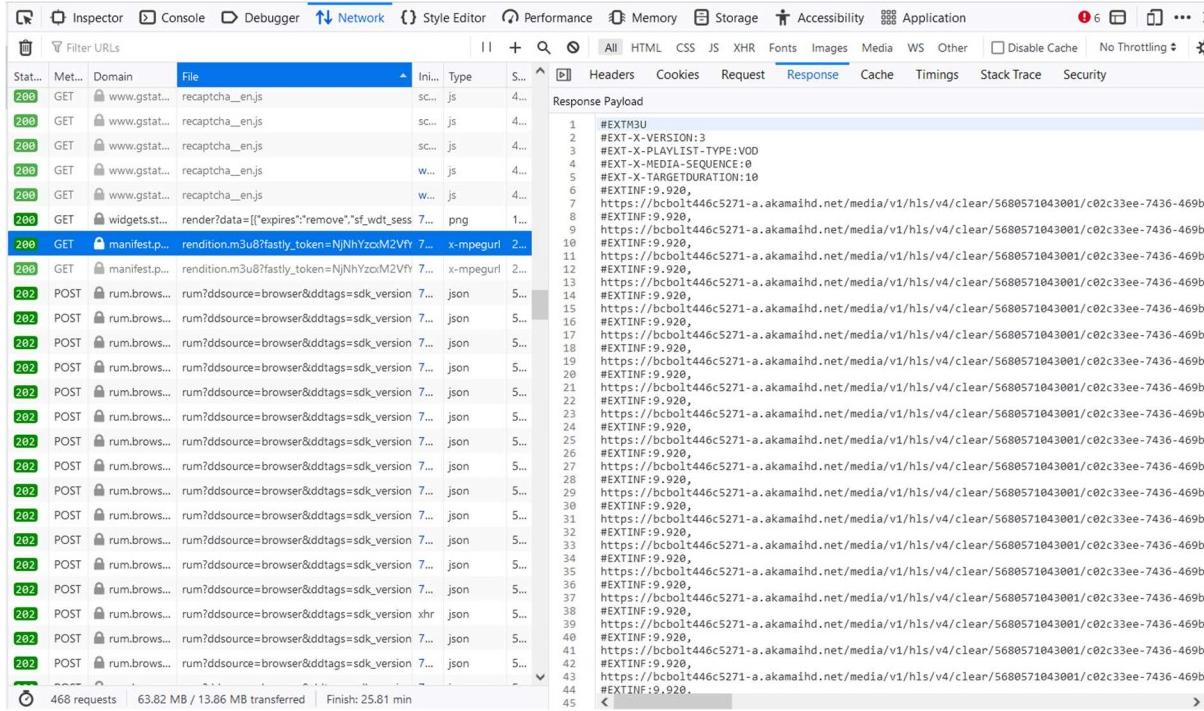
Session 1 (www.gstatic.com):

- 465 requests
- 63.82 MB / 13.86 MB transferred
- Finish: 24.77 min
- Headers (655 B) Raw
- Request Headers (655 B) Raw

Session 2 (www.saksfifthavenue.com):

- 467 requests
- 63.82 MB / 13.86 MB transferred
- Finish: 25.00 min
- Headers (655 B) Raw
- Request Headers (655 B) Raw

In both sessions, the Network tab shows numerous requests to various domains, primarily involving Google Static files (recaptcha_en.js) and Saks Fifth Avenue (manifest.prod.bolt). The requests include various HTTP methods (GET, POST, PUT, etc.) and headers such as Accept, Accept-Encoding, Accept-Language, Connection, Host, Origin, Referer, Sec-Fetch-Dest, Sec-Fetch-Mode, Sec-Fetch-Site, User-Agent, and Cache-Control.



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

121. The M3U8 includes an identification (e.g., URL that resolves an IP address) of one or more of the resources (e.g., media streaming server(s)) of the content distribution network available to facilitate streaming of one or more segments of the stored video content to the client device (e.g., personal computer, mobile device, television), the identification is dependent at least in part on a relationship between a geographic location of the client device and geographic locations (e.g., CDNs) of the resources of the content distribution network as demonstrated by the examples provided below:

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

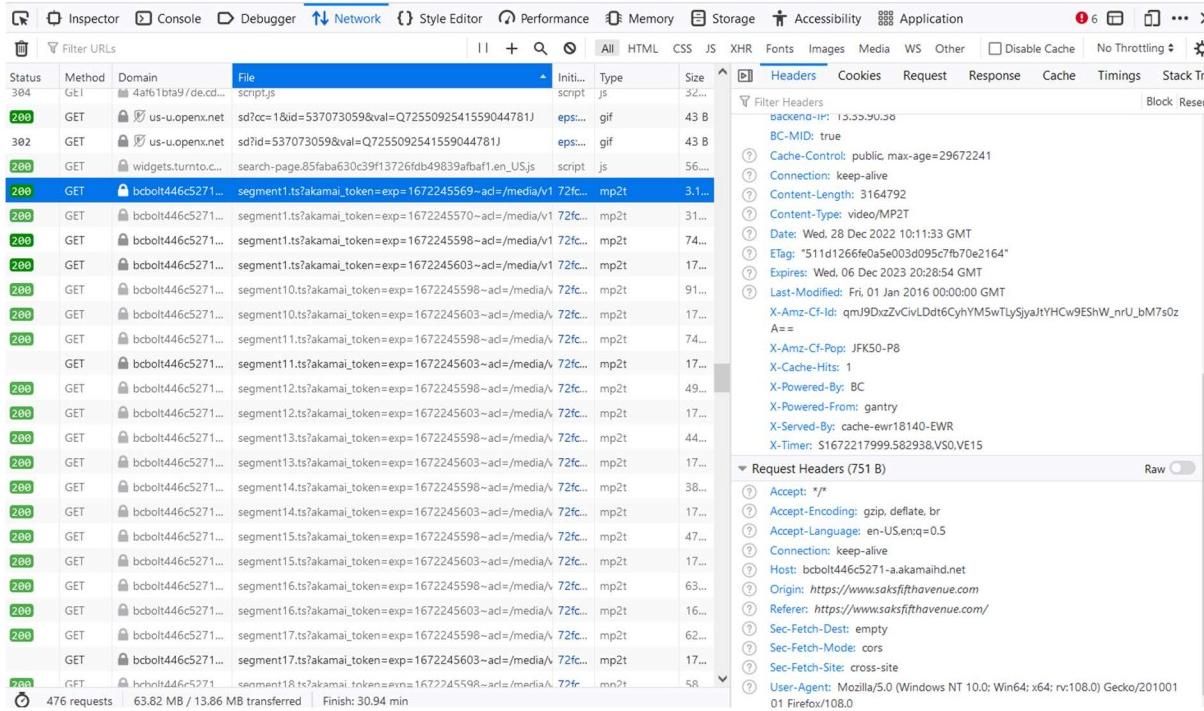
- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

The screenshot shows the Network tab in the Chrome DevTools. It lists 468 requests. The columns include: Stat..., Met..., Domain, File, Ini..., Type, S..., Headers, Cookies, Request, Response, Cache, Timings, Stack Trace, Security. The Response column is expanded to show the 'Response Payload' for each request. The payload content includes various file types and their contents, such as 'recaptcha_en.js' and 'manifest.json'.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

The screenshot shows the Microsoft Edge developer tools Network tab. The table lists 469 requests. Key columns include Status, Method, Domain, File, Initiat., Type, Size, Headers, Cookies, Request, Response, Cache, Timings, and Stack Tr. A status bar at the bottom indicates 63.82 MB / 13.86 MB transferred and a finish time of 26.69 min.

Status	Method	Domain	File	Initiat.	Type	Size	Headers	Cookies	Request	Response	Cache	Timings	Stack Tr.
200	POST	rum.browser-int...	rum?ddsource=browser&ddtags=sdk_version4.28.1.apixhr.en	72fc...	json	53 B							
200	GET	px.owneriq.net	saks.js	72fc...	js	14....							
200	GET	cdn.cookielaw.org	Saks_540x540px.jpg	72fc...	octet-stream	51....							
304	GET	4af61ba97de.c...	script.js		script	32....							
200	GET	us.uopenx.net	sd?cc=1&id=537073059&val=Q7255092541559044781j	eps...	gif	43 B							
302	GET	us.uopenx.net	sd?id=537073059&val=Q7255092541559044781j	eps...	gif	43 B							
200	GET	widgets.turnto.c...	search-page.85faba630c39f13726fd49839abfa1.en_US.js		script	js	56....						
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245569~ad~/media/v1	72fc...	mp2t	3.1...							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245570~ad~/media/v1	72fc...	mp2t	31....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	91....							
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	74....							
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	49....							
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	44....							
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	38....							
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	47....							
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245603~ad~/media/v1	72fc...	mp2t	17....							
200	GET	bcbolt446c5271...	segment16.ts?akamai_token=exp=1672245598~ad~/media/v1	72fc...	mp2t	63....							



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

122. The M3U8 includes an identification of an advertising server, the identification of the advertising server being dependent at least in part on a relationship between the geographic location (e.g., CDNs) of the client device (e.g., personal computer, mobile device, television) and a geographic location of the advertising server.

From Automatic Site or App Data Collection Technologies: We, or third parties working on our behalf, may use cookies, web beacons, javascript and pixel tags, log files, or other technologies to collect certain non-personally identifying information about visitors to our Site or App, users of our online Services, and interactions with our emails and online advertisements, and to allow Saks to keep track of analytics and certain statistical information. For example, we may collect information such as your browser type, operating system type or mobile device model, viewed webpages, links that are clicked, IP address, mobile device identifier or other unique identifier, sites or apps visited before coming to our Site or App, the amount of time you spend viewing or using the Site or App, the number of times you return, or other click-stream or site usage data, emails we send that you open, forward, or click through to our Site or App. Collecting this information, and linking it with your personal information, helps us to tailor our Site and App and enhance your online shopping experience by saving your preferences while you are visiting a particular Site or App, and to help identify Site or App features, promotions, advertisements, and offers that may be of particular interest to you and retarget online and mobile advertisements to you across computers or devices you may use.

From Third-Party Sources: We may acquire information from other sources to update or supplement the information that you provide or that we collect automatically (such as information to validate or update your address or other demographic information), or when you connect with the company through a third party (including through social networks) based on your registration and privacy settings on those third-party sites.

Combination of Information: We may combine the information we receive from or about you, including information you provide to us and information we automatically collect through the Site or App, as well as information across other computers or devices that you use, with information we collect or receive about you from other online and offline sources, or from other third-party sources. This may also include using technologies to recognize multiple interactions and combine them into a single customer profile where appropriate.

From Third-Party Analytics and Advertisements: We also may use third-party advertisements, analytics, and tracking tools to better understand who is using the Site or App, how people are using the Site or App, how to improve the effectiveness of the Services and related content, and to help us or those third parties serve more targeted advertising to you across our media channels. These third parties may use technology such as cookies, web beacons, javascript and pixel tags, log files, flash cookies, or other technologies to collect and store information. They may also combine information they collect from your interaction with the Site or App with information they collect from other sources, which combination may be subject to the third party's control and privacy policy.

See e.g., <https://www.saksfifthavenue.com/c/content/privacy-policy>

123. The M3U8 causes the client device to communicate with resources (e.g., media streaming servers) of the content distribution network and the advertising server to cause the one or more segments of the stored video to be streamed to the client device (e.g., personal computer, mobile device, television) by the identified one or more resources of the content distribution network and cause one or more advertisements to be streamed from the advertising server to the client device.

The screenshot shows the Microsoft Edge developer tools Network tab. The requests listed include:

- POST /rum/browsertime-intl.rum?ddsource=browser&ddtags=sdk_version4.28.1.apiphren 202
- GET /px.oweriq.net/saks.js 200
- GET /cdn.cookielaw.org/Saks_540x540px.jpg 200
- GET /4af61bfa97de.cda 304
- GET /us.uopenx.net?dc1=1&id=537073059&val=Q7255092541559044781J 200
- GET /us.uopenx.net/sd?dc1=537073059&val=Q7255092541559044781J 302
- GET /widgets.turnto.com/search-page.85faba630c39f13726fdb49839abfa1.en.US.js 200
- GET /bcbolt446c5271...segment1.ts?akamai_token=exp:1672245569~ad/~media/v1 200
- GET /bcbolt446c5271...segment1.ts?akamai_token=exp:1672245570~ad/~media/v1 200
- GET /bcbolt446c5271...segment1.ts?akamai_token=exp:1672245598~ad/~media/v1 200
- GET /bcbolt446c5271...segment10.ts?akamai_token=exp:1672245603~ad/~media/v1 200
- GET /bcbolt446c5271...segment11.ts?akamai_token=exp:1672245598~ad/~media/v1 200
- GET /bcbolt446c5271...segment11.ts?akamai_token=exp:1672245603~ad/~media/v1 200
- GET /bcbolt446c5271...segment12.ts?akamai_token=exp:1672245603~ad/~media/v1 200
- GET /bcbolt446c5271...segment12.ts?akamai_token=exp:1672245603~ad/~media/v1 200
- GET /bcbolt446c5271...segment13.ts?akamai_token=exp:1672245598~ad/~media/v1 200
- GET /bcbolt446c5271...segment13.ts?akamai_token=exp:1672245603~ad/~media/v1 200
- GET /bcbolt446c5271...segment14.ts?akamai_token=exp:1672245598~ad/~media/v1 200
- GET /bcbolt446c5271...segment14.ts?akamai_token=exp:1672245603~ad/~media/v1 200
- GET /bcbolt446c5271...segment15.ts?akamai_token=exp:1672245598~ad/~media/v1 200
- GET /bcbolt446c5271...segment15.ts?akamai_token=exp:1672245603~ad/~media/v1 200
- GET /bcbolt446c5271...segment16.ts?akamai_token=exp:1672245598~ad/~media/v1 200

The response headers for the first request are:

Status	200 OK
Version	HTTP/1.1
Transferred	3.16 MB (3.16 MB size)
Referrer Policy	strict-origin-when-cross-origin

Other tabs visible in the header include Inspector, Console, Debugger, Style Editor, Performance, Memory, Storage, Accessibility, Application, and several network-related tabs like Headers, Cookies, Request, Response, Cache, Timings, and Stack Trace.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

From Automatic Site or App Data Collection Technologies: We, or third parties working on our behalf, may use cookies, web beacons, javascript and pixel tags, log files, or other technologies to collect certain non-personally identifying information about visitors to our Site or App, users of our online Services, and interactions with our emails and online advertisements, and to allow Saks to keep track of analytics and certain statistical information. For example, we may collect information such as your browser type, operating system type or mobile device model, viewed webpages, links that are clicked, IP address, mobile device identifier or other unique identifier, sites or apps visited before coming to our Site or App, the amount of time you spend viewing or using the Site or App, the number of times you return, or other click-stream or site usage data, emails we send that you open, forward, or click through to our Site or App. Collecting this information, and linking it with your personal information, helps us to tailor our Site and App and enhance your online shopping experience by saving your preferences while you are visiting a particular Site or App, and to help identify Site or App features, promotions, advertisements, and offers that may be of particular interest to you and retarget online and mobile advertisements to you across computers or devices you may use.

From Third-Party Sources: We may acquire information from other sources to update or supplement the information that you provide or that we collect automatically (such as information to validate or update your address or other demographic information), or when you connect with the company through a third party (including through social networks) based on your registration and privacy settings on those third-party sites.

Combination of Information: We may combine the information we receive from or about you, including information you provide to us and information we automatically collect through the Site or App, as well as information across other computers or devices that you use, with information we collect or receive about you from other online and offline sources, or from other third-party sources. This may also include using technologies to recognize multiple interactions and combine them into a single customer profile where appropriate.

From Third-Party Analytics and Advertisements: We also may use third-party advertisements, analytics, and tracking tools to better understand who is using the Site or App, how people are using the Site or App, how to improve the effectiveness of the Services and related content, and to help us or those third parties serve more targeted advertising to you across our media channels. These third parties may use technology such as cookies, web beacons, javascript and pixel tags, log files, flash cookies, or other technologies to collect and store information. They may also combine information they collect from your interaction with the Site or App with information they collect from other sources, which combination may be subject to the third party's control and privacy policy.

See e.g., <https://www.saksfifthavenue.com/c/content/privacy-policy>

124. On information and belief, Saks has been on notice of the '781 patent at least as early as January 26, 2023, when Saks' in-house counsel responded to SITO's counsel's January 9, 2023 letter concerning Saks' infringement of the patents-in-suit.

125. On information and belief, at least since January 26, 2023, Saks knowingly encouraged and continues to encourage, its customers to directly infringe one or more claims of the '781 patent, including by Saks' actions that include, without limitation, instructing and encouraging its customers to use the Saks Video Streaming Services through the publishing, distribution, and propagation of targeted user emails, shopping offers, support documents, blog

posts, live events, and instructions, including but not limited to the examples of such materials cited above.

126. On information and belief, at least since acquiring its January 2023 knowledge of the '781 patent, Saks knows the acts Saks induced its customers to take constitute patent infringement and Saks' encouraging acts result in direct infringement of one or more claims of the '781 patent by its customers.

127. On information and belief, Saks' customers directly infringe at least claim 1 of the '781 patent through their use of the Saks Video Streaming Service.

128. On information and belief, Saks is in violation of 35 U.S.C. § 271(b) and has been, at least since its January 2023 knowledge of the '781 patent, indirectly infringing and continues to indirectly infringe at least claim 1 of the '781 patent by knowingly and specifically intending to induce infringement by others (including, without limitation, Saks' users) and possessing specific intent to encourage infringement by Saks' users. The Saks Video Streaming Service is specifically configured to function in accordance with the '781 patent claims.

129. SITO has been damaged by the direct and indirect infringement of Saks, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

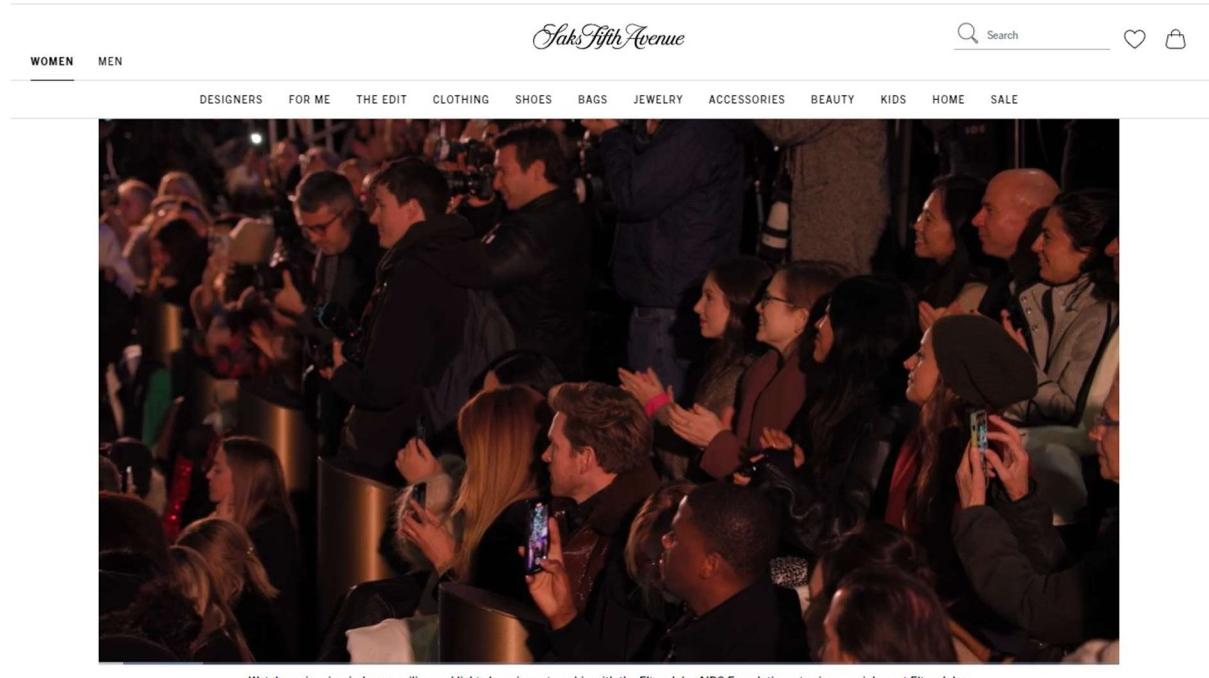
Count VI - Infringement of United States Patent No. 10,769,675

130. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

131. Saks directly infringes (literally and/or under the doctrine of equivalents) the '675 patent by using the method covered by at least claim 31 of the '675 patent.

132. On information and belief, and without SITO's approval, authorization and license, Saks owns, controls, operates, and uses a system for streaming media that includes the Saks Streaming Platform, as well as other Saks networks, systems, devices, components, and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 31 of the '675 patent.

133. Saks performs a method of streaming video as demonstrated by the example provided below:



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

134. On information and belief, Saks receives, from each of a plurality of media owners, media for a plurality of events (*e.g.*, media files/videos) for streaming and one or more media rules (*e.g.*, geographic restrictions) governing transmission of the received media, wherein the one or more media rules are used by the streaming system to determine a streaming sequence for the transmission of the received media and determine one or more streaming resources (*e.g.*, CDNs) to which the received media is to be distributed.

135. Saks receives, from a communication device (*e.g.*, personal computer, mobile device, television) via a communication network (*e.g.*, Internet), a request (*e.g.*, GET request) for media for one of the plurality of events to be streamed to the communication device, the media for the requested event comprising a plurality of segments and the requested event being selected by a user of the communication device from a plurality of event options (*e.g.*, media files/videos).

Screenshot of Network tab in Firefox Developer Tools showing network requests for a page. The table lists 493 requests, mostly GETs for files like JavaScript and CSS, with one notable request for a Google Tag Manager script.

Status	Method	Domain	File	Initi...	Type	Size
200	GET	www.googletag...	a?id=AW-867837652&cv=1&v=3&t=t&pid=246754650&rv=72fc...		html	0 B
200	GET	8270149.fl...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27_sub...		html	57...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1 sub...		html	42...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1 sub...		html	43...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=11&Availability.prefix=Visi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=129&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=149&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=152&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=170&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=233&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=239&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=264&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=268&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=280&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=299&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=305&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=330&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=333&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=345&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=390&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=400&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=417&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=419&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=440&Availability.prefix=Vi 72fc...		js	16...

Bottom status bar: 493 requests | 63.83 MB / 13.88 MB transferred | Finish: 40:43 min

Screenshot of Network tab in Firefox Developer Tools showing network requests for a page. The table lists 493 requests, mostly GETs for files like JavaScript and CSS, with one notable request for a Google Tag Manager script.

Status	Method	Domain	File	Initi...	Type	Size
200	GET	www.googletag...	a?id=AW-867837652&cv=1&v=3&t=t&pid=246754650&rv=72fc...		html	0 B
200	GET	8270149.fl...	activity:src=8270149:type=landi0:cat=saks-0:ord=1:num=27_sub...		html	57...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1 sub...		html	42...
200	GET	www.google.com	anchor?ar=1&k=6LfzSaYZAAAAAKUMeZTBWVsRo1hkbQhn1 sub...		html	43...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=11&Availability.prefix=Visi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=129&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=149&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=152&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=170&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=233&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=239&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=264&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=268&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=280&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=299&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=305&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=330&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=333&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=345&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=390&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=400&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=417&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=419&Availability.prefix=Vi 72fc...		js	16...
200	GET	8270149.fl...	Availability.json?sid=undefined&r=440&Availability.prefix=Vi 72fc...		js	16...

Bottom status bar: 493 requests | 63.83 MB / 13.88 MB transferred | Finish: 40:43 min

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

Network tab details:

- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Performance tab details:

- Time: 24.77 min
- Transfer: 63.82 MB / 13.86 MB transferred

Network tab details:

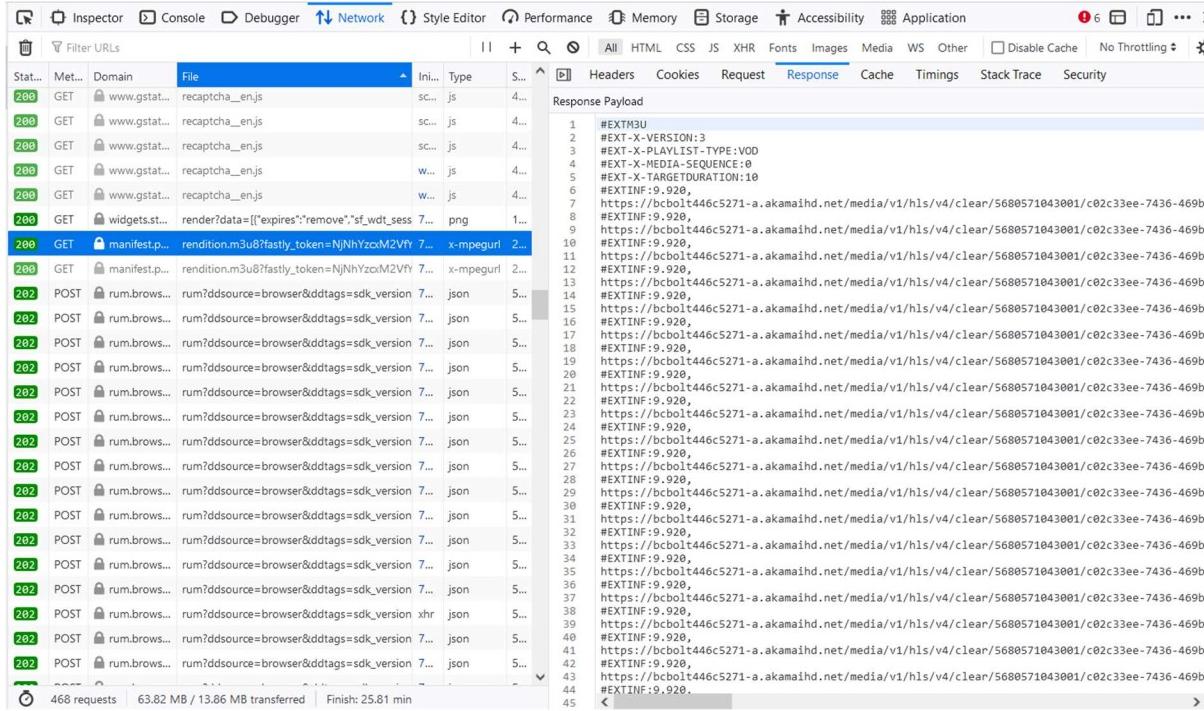
- Status: 200
- Method: GET
- Domain: www.gstatic.com
- File: recaptcha_en.js
- Type: script
- Size: 41...

Request Headers (655 B):

- accept: */*
- accept-encoding: gzip, deflate, br
- accept-language: en-US,en;q=0.5
- connection: keep-alive
- host: manifest.prod.boltdns.net
- origin: https://wwwsaksfifthavenue.com
- referer: https://wwwsaksfifthavenue.com/
- sec-fetch-dest: empty
- sec-fetch-mode: cors
- sec-fetch-site: cross-site
- user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0

Performance tab details:

- Time: 25.02 min
- Transfer: 63.82 MB / 13.86 MB transferred



See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

136. In response to the received request (e.g., GET request), Saks transmits one or more files (e.g., (M3U8 file)) to the communication device (e.g., personal computer, mobile device, television) over the packet-based telecommunication network (e.g., the Internet) as demonstrated by the example provided below:

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

137. The M3U8 file includes one or more references (e.g., URLs/filename) to one or more of the segments of the media for the requested event (e.g., video).

The screenshot shows the Network tab in the Firefox Developer Tools. It lists numerous network requests, primarily from the domain www.gstatic.com and www.saklfithavenue.com. Key details include:

- Manifest Request:** A GET request for `manifest.prod.bol...` with a large content length of 27290 bytes. Headers include `Content-Type: application/x-mpegURL` and `Content-Length: 27290`.
- Recaptcha Requests:** Multiple GET requests for `recaptcha_en.js` from `www.gstatic.com`.
- RUM Requests:** Numerous POST requests to `rum.browser-inta...` with varying parameters related to session expiration.
- File Types:** Scripts (js), Webkit (web), and Images (png) are listed as file types.

The bottom section provides a detailed view of the Request Headers for the manifest request, including Accept, Accept-Encoding, Accept-Language, Connection, Host, Origin, Referer, Sec-Fetch-Dest, Sec-Fetch-Mode, Sec-Fetch-Site, and User-Agent.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

138. On information and belief, the M3U8 file includes information, the

information being based at least in part on the one or more media rules (e.g., geographic restrictions), for use by the communication device identifying how to communicate

with the one or more determined resources (*e.g.*, media streaming server/CDN) to cause the one or more segments of the media for the requested event to be streamed to the communication device (*e.g.*, client device) in accordance with the one or more media rules.

The screenshot shows the Network tab of a browser's developer tools. The table lists 465 requests. The columns include Status, Method, Domain, File, Initial... (Type), and Size. Most requests are 200 OK. The 'File' column shows various JavaScript files like 'recaptcha_en.js' and 'manifest.prod.bolt...', and several JSON responses. The 'Initial...' column shows file types like 'script', 'js', 'web...', and 'x-mpegurl'. The 'Size' column shows file sizes in bytes. The Headers section on the right shows standard HTTP headers such as Accept, Accept-Encoding, Accept-Language, Connection, Host, Origin, Referer, Sec-Fetch-Dest, and Sec-Fetch-Mode. Other headers specific to the application include 'accept-ranges: bytes', 'access-control-allow-headers: X-Requested-With,Origin,Range,Accept-Encoding,Referer', 'access-control-allow-methods: GET,HEAD,OPTIONS', 'access-control-allow-origin: *', 'access-control-expose-headers: Server,Range,Content-Length,Content-Range', 'age: 0', 'cache-control: s-maxage=10800, max-age=10800', 'content-length: 27290', 'content-type: application/x-mpegURL', 'date: Wed, 28 Dec 2022 10:11:50 GMT', 'via: 1.1 varnish', 'x-cache: MISS', 'x-cache-hits: 0', 'x-device-group: desktop-firefox', 'X-Firefox-Spdy: h2', 'x-powered-by: BC', 'x-powered-from: gantry', 'x-served-by: cache-hyd1100024-HYD', and 'x-timer: S16722231.560233,VS0,VE383'.

The screenshot shows the Network tab of the developer tools with the following details:

- Status**: All requests are successful (200 status code).
- Method**: GET for most requests, except for 'widgets.stores.sa...' which is a render.
- Domain**: www.gstatic.com for most requests, except for 'manifest.prod.bol...' and 'rum.browser-inta...' which have different domains.
- File**: Various files including 'recaptcha_en.js', 'manifest.prod.bol...', and multiple 'rum.browser-inta...' requests.
- Type**: script, js, webkit, or xhr.
- Size**: Varies from 11B to 2790B.
- Headers**: Expanded for the 'rum.browser-inta...' request, showing headers like 'Content-Length: 2790', 'Content-Type: application/x-mpegURL', 'Date: Wed, 28 Dec 2022 10:11:50 GMT', 'Via: 1.1 varnish', 'X-Cache: MISS', 'X-Cache-Hits: 0', 'X-Device-Group: desktop-firefox', 'X-Firefox-Spdy: h2', 'X-Powered-By: BC', 'X-Powered-From: gantry', 'X-Served-By: cache-hyd-100024-HYD', and 'X-Timer: S1672222311.560233,VS0.VE383'.
- Request Headers**: Shows 655 B of request headers, including 'Accept: */*', 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', 'Connection: keep-alive', 'Host: manifest.prod.boltdns.net', 'Origin: https://www.sakfifthavenue.com', 'Referer: https://www.sakfifthavenue.com/', 'Sec-Fetch-Dest: empty', 'Sec-Fetch-Mode: cors', 'Sec-Fetch-Site: cross-site', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:108.0) Gecko/20100101 Firefox/108.0'.

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

Status	Method	Domain	File	Initi...	Type	Size	Headers	Cookies	Request	Response	Cache	Timings	Stack Tr...
202	POST	rum.browser-int...	rum?ddsource=browser&ddtags=sdk_version:4.28.1.apiohrn	72fc...	json	53 B							
200	GET	px.owneriq.net	saks.js	72fc...	js	14....							
200	GET	cdn.cookielaw.org	Saks_540x540px.jpg	72fc...	octet-stream	51....							
304	GET	4af61bfa9/de.c...	script.js		script	32....							
200	GET	us-u.openx.net	sd?cc=1&id=537073059&val=Q7255092541559044781J	eps...	gif	43 B							
302	GET	us-u.openx.net	sd?d=537073059&val=Q7255092541559044781J	eps...	gif	43 B							
200	GET	widgets.turnto.c...	search-page.85faba630c39f13726fdb49839abfa1.en.US.js	script	js	56....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245569~ad=/media/v1/72fc...	mp2t	31....								
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245570~ad=/media/v1/72fc...	mp2t	31....								
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	74....								
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	91....								
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	74....								
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	49....								
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	44....								
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	38....								
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	47....								
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment16.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	63....								
469 requests			63.82 MB / 13.86 MB transferred		Finish: 26.69 min								
<hr/>													
Status	Method	Domain	File	Initi...	Type	Size	Headers	Cookies	Request	Response	Cache	Timings	Stack Tr...
304	GET	4af61bfa9/de.c...	script.js		script	32....							
200	GET	us-u.openx.net	sd?cc=1&id=537073059&val=Q7255092541559044781J	eps...	gif	43 B							
302	GET	us-u.openx.net	sd?d=537073059&val=Q7255092541559044781J	eps...	gif	43 B							
200	GET	widgets.turnto.c...	search-page.85faba630c39f13726fdb49839abfa1.en.US.js	script	js	56....							
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245569~ad=/media/v1/72fc...	mp2t	31....								
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245570~ad=/media/v1/72fc...	mp2t	31....								
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	74....								
200	GET	bcbolt446c5271...	segment1.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	91....								
200	GET	bcbolt446c5271...	segment10.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	74....								
200	GET	bcbolt446c5271...	segment11.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	49....								
200	GET	bcbolt446c5271...	segment12.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	44....								
200	GET	bcbolt446c5271...	segment13.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	38....								
200	GET	bcbolt446c5271...	segment14.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	47....								
200	GET	bcbolt446c5271...	segment15.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
200	GET	bcbolt446c5271...	segment16.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	63....								
200	GET	bcbolt446c5271...	segment16.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	16....								
200	GET	bcbolt446c5271...	segment17.ts?akamai_token=exp=1672245598~ad=/media/v1/72fc...	mp2t	62....								
200	GET	bcbolt446c5271...	segment17.ts?akamai_token=exp=1672245603~ad=/media/v1/72fc...	mp2t	17....								
476 requests			63.82 MB / 13.86 MB transferred		Finish: 30.94 min								

See e.g., <https://www.saksfifthavenue.com/c/live-stream/video>

139. On information and belief, Saks has been on notice of the '675 patent

at least as early as January 26, 2023, when Saks' in-house counsel responded to

SITO's counsel's January 9, 2023 letter concerning Saks' infringement of the

patents-in-suit.

140. On information and belief, at least since January 26, 2023, Saks knowingly encouraged and continues to encourage its customers to directly infringe one or more claims of the '675 patent, including by Saks' actions that include, without limitation, instructing and encouraging its customers to use the Saks Video Streaming Services through the publishing, distribution, and propagation of targeted user emails, shopping offers, support documents, blog posts, live events, and instructions, including but not limited to the examples of such materials cited above.

141. On information and belief, at least since acquiring its January 2023 knowledge of the '675 patent, Saks knows the acts Saks induced its customers to take constitute patent infringement and Saks' encouraging acts result in direct infringement of one or more claims of the '675 patent by its customers.

142. On information and belief, Saks' customers directly infringe at least claim 31 of the '675 patent through their use of the Saks Video Streaming Service.

143. On information and belief, Saks is in violation of 35 U.S.C. § 271(b) and has been, at least since its January 2023 knowledge of the '675 patent, indirectly infringing and continues to indirectly infringe at least claim 31 of the '675 patent by knowingly and specifically intending to induce infringement by others (including, without limitation, Saks' users) and possessing specific intent to encourage infringement by Saks' users. The Saks Video Streaming Service is specifically configured to function in accordance with the '675 patent claims.

144. SITO has been damaged by the direct and indirect infringement of Saks, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

JURY DEMANDED

145. Pursuant to Federal Rule of Civil Procedure 38(b), SITO hereby requests a trial by jury on all issues so triable.

PRAYER FOR RELIEF

SITO respectfully requests this Court to enter judgment in SITO's favor and against Saks as follows:

- a. finding that Saks directly infringes, literally and/or under the doctrine of equivalents, one or more claims of each of the patents-in-suit;
- b. finding that Saks indirectly infringes, literally and/or under the doctrine of equivalents, one or more claims of each of the patents-in-suit;
- c. awarding SITO damages under 35 U.S.C. § 284, or otherwise permitted by law, including supplemental damages for any continued post-verdict infringement;
- d. awarding SITO pre-judgment and post-judgment interest on the damages award and costs;
- e. awarding costs of this action (including all disbursements) and attorney fees pursuant to 35 U.S.C. § 285, or as otherwise permitted by the law; and
- f. awarding such other costs and further relief that the Court determines to be just and equitable.

June 16, 2023

Respectfully submitted,

/s/ Zachary H. Ellis

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